



January 29, 2002

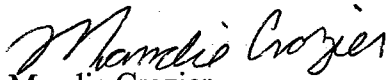
State of Utah  
Division of Oil, Gas & Mining  
Attn: Brad Hill  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 5-14-9-16, 6-14-9-16, and 7-14-9-16.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Permit Clerk

mc  
enclosures

**RECEIVED**

**JAN 31 2002**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐  
1b. TYPE OF WELL  
OIL GAS SINGLE MULTIPLE  
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR  
Inland Production Company

3. ADDRESS OF OPERATOR  
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At Surface SW/NE 1944' FNL 1892' FEL  
At proposed Prod. Zone

4431583 N  
578220 E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 20.6 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY  
OR LEASE LINE, FT. (Also to

Approx. 572' f/lse line & 1892' f/unit line

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL,  
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1527'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5570.6' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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Refer to Monument Butte Field SOP's Drilling Program/Casing Design

5. LEASE DESIGNATION AND SERIAL NO.

U-096547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Jonah

8. FARM OR LEASE NAME WELL NO

7-14-9-16

9. API WELL NO.

43-013-32338

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

SW/NE

Sec. 14, T9S, R16E

12. County

Duchesne

13. STATE

UT

16. NO. OF ACRES IN LEASE

600.00

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

1st Quarter 2002

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

Federal Approval of this  
Action is Necessary

RECEIVED

JAN 31 2002

DIVISION OF  
OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Morris Crozier TITLE Permit Clerk DATE 1/29/02  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL  
RECLAMATION SPECIALIST III DATE 02-14-02

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# T9S, R16E, S.L.B.&M.

S89°59'W - 79.78 (G.L.O.)

2632.13' (Measured)

S89°58'52"W - 2625.45' (Meas.)

S89°59'W G.L.O. (Basis of Bearings)

1910  
Brass Cap

1910  
Brass Cap

1910  
Brass Cap

N0°01'W (G.L.O.)

N0°01'W (G.L.O.)

14

**WELL LOCATION:  
JONAH UNIT #7-14**

ELEV. UNGRADED GROUND = 5570.6'

200'

1892' (Computed)

DRILLING  
WINDOW

S20°52'18"E 2080.1'

1944'

S89°544'W - 79.82 (G.L.O.)



= SECTION CORNERS LOCATED

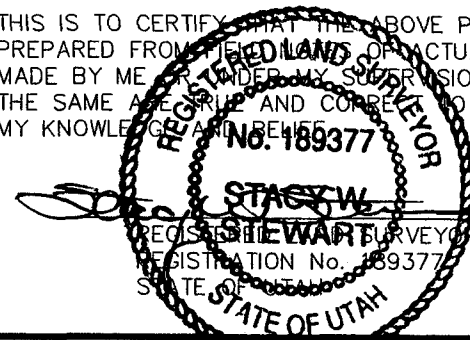
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

## INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT #7-14,  
LOCATED AS SHOWN IN THE SW 1/4 NE  
1/4 OF SECTION 14, T9S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD AND ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF



### TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 11-14-01

DRAWN BY: J.R.S.

NOTES:

FILE #

INLAND PRODUCTION COMPANY

JONAH #7-14-9-16

SW/NE SECTION 14, T9S, R16E

DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM:

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



INLAND PRODUCTION COMPANY  
JONAH #7-14-9-16  
SW/NE SECTION 14, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Jonah #7-14-9-16 located in the SW 1/4 NE 1/4 Section 14, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southerly along Hwy 53 - 1.7 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 9.2 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 7.0 miles  $\pm$  to it's junction with an existing road to the east; proceed northeasterly - 1.1 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 963'  $\pm$  to the proposed well location.

2. **PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. **LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached.

Inland Production Company requests a 60' ROW for the Jonah #7-14-9-16 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the Jonah #7-14-9-16 to allow for construction of a 3" steel-water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

**Water Disposal**

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

Name: Mandie Crozier  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

**Certification**

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #7-14-9-16 SW/NE Section 14, Township 9S, Range 16E: Lease U-096547 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident-#4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/29/02

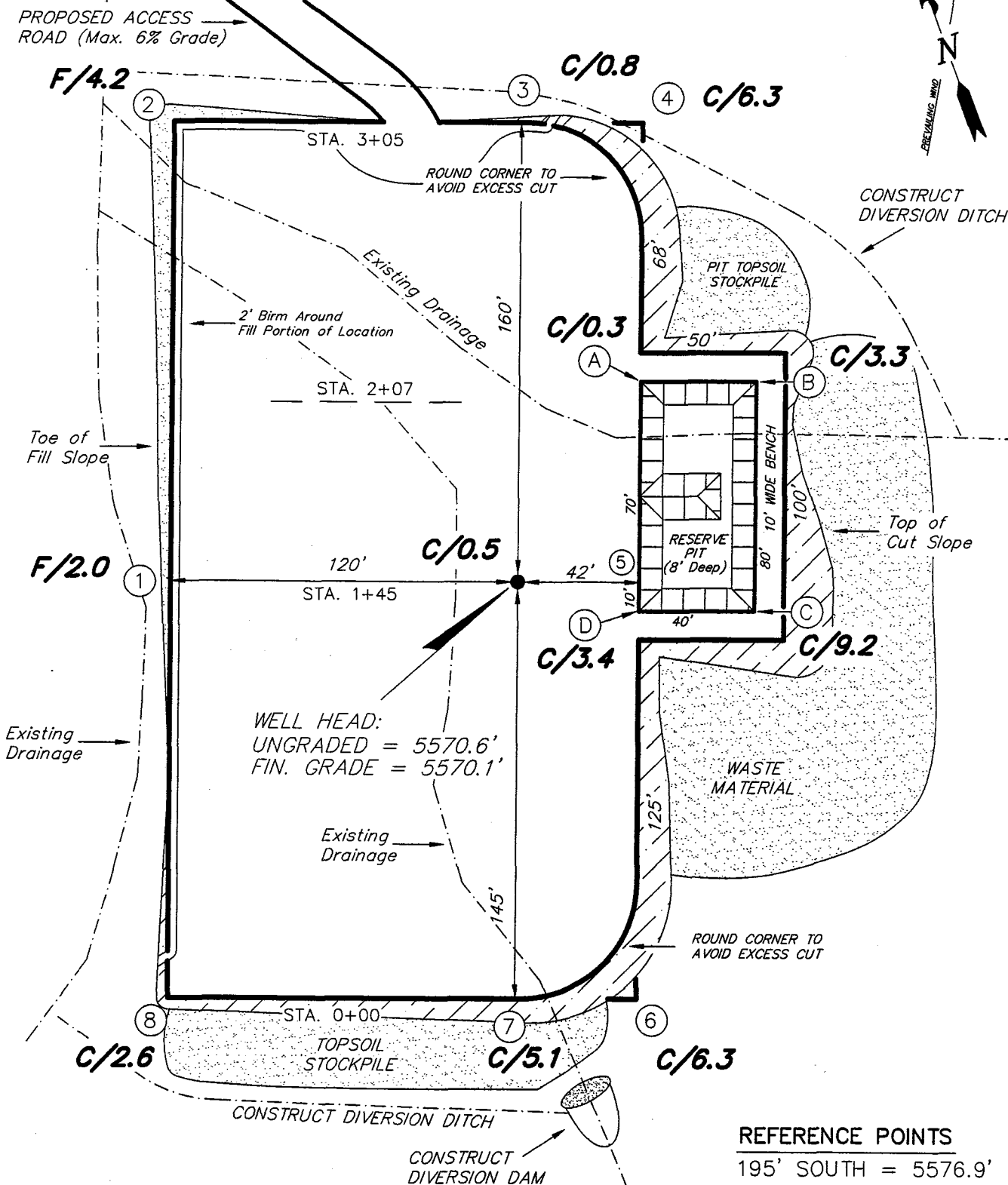
Date

Mandie Crozier

Mandie Crozier  
Permit Clerk

# INLAND PRODUCTION COMPANY

JONAH UNIT #7-14  
SEC. 14, T9S, R16E, S.L.B.&M.



## REFERENCE POINTS

195' SOUTH = 5576.9'  
245' SOUTH = 5579.0'  
170' WEST = 5568.2'  
220' WEST = 5569.3'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 11-15-01

Tri State  
Land Surveying, Inc.

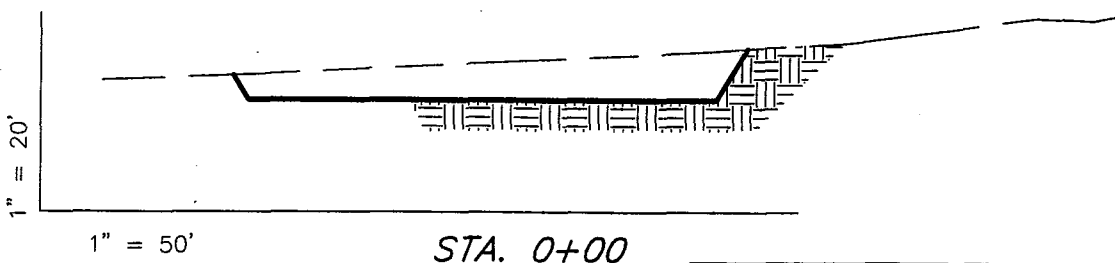
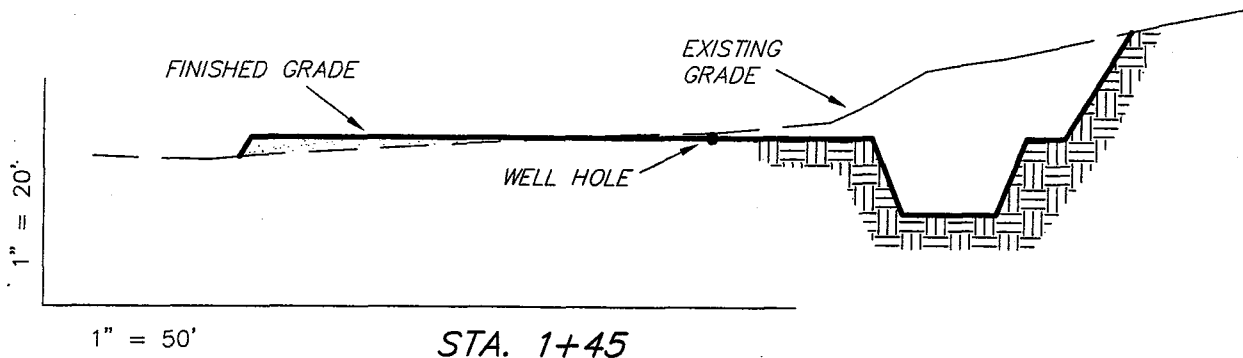
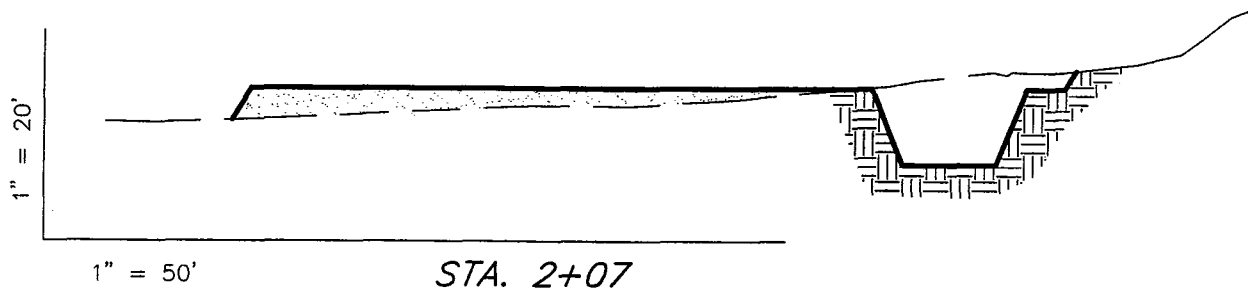
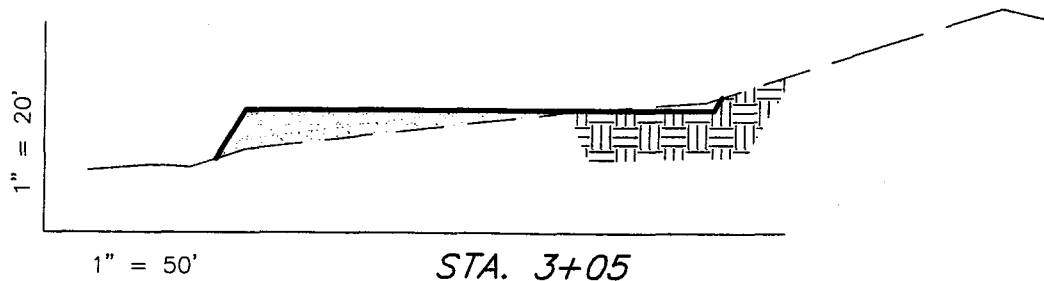
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### JONAH UNIT #7-14



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

#### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,520	2,000	Topsoil is not included in Pad Cut	1,520
PIT	640	0		640
TOTALS	4,160	2,000	1,010	2,160

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 11-15-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

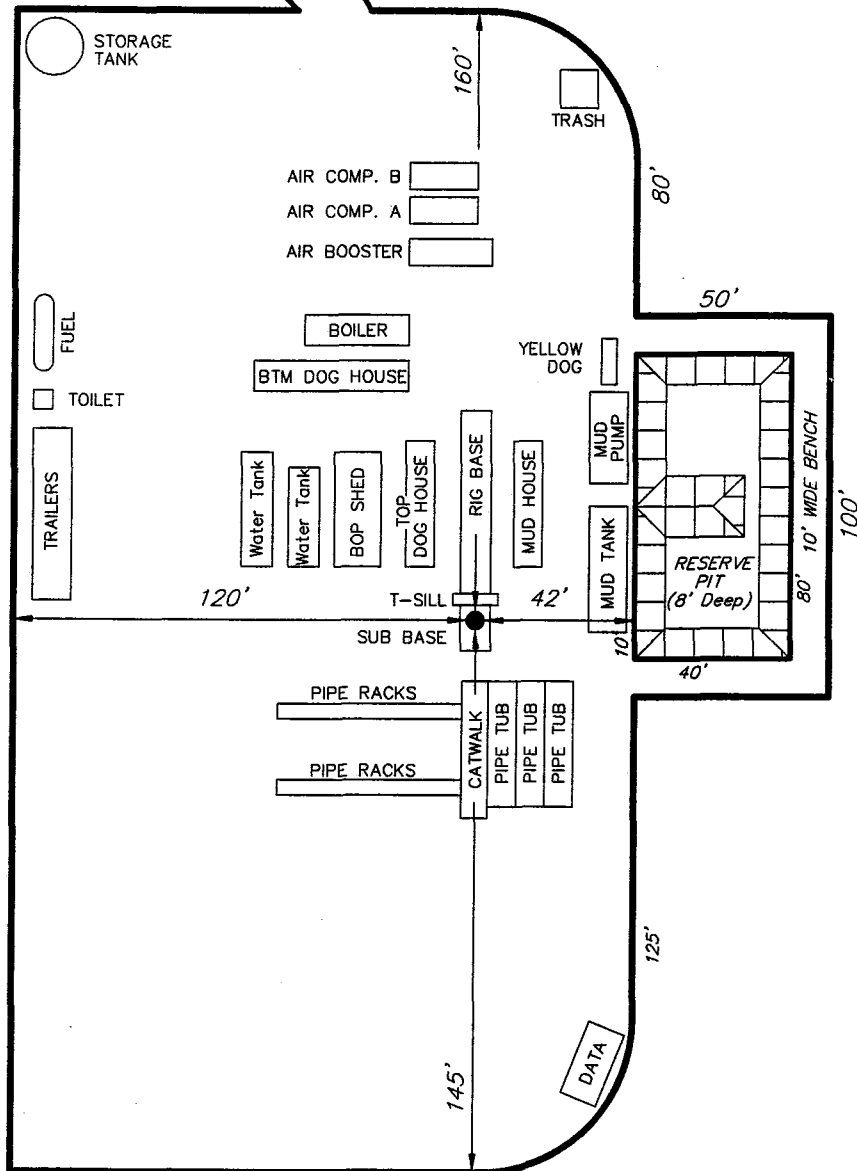
38 WEST 100 NORTH VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### JONAH UNIT #7-14

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

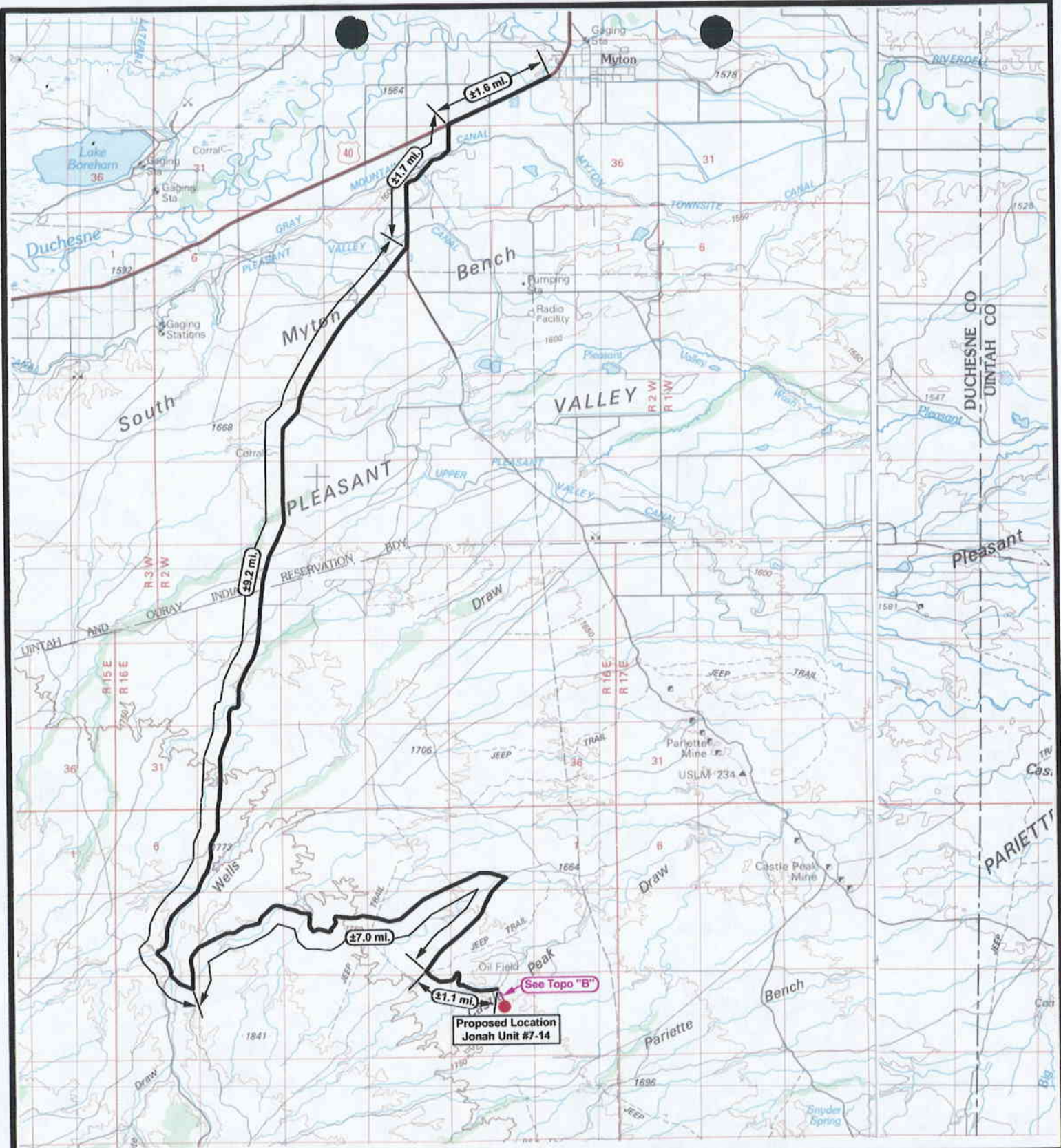
DRAWN BY: J.R.S.

DATE: 11-15-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**Jonah Unit #7-14**  
**SEC. 14, T9S, R16E, S.L.B.&M.**



**Tri-State**  
**Land Surveying Inc.**  
 (435) 781-2501  
 38 West 100 North Vernal, Utah 84078

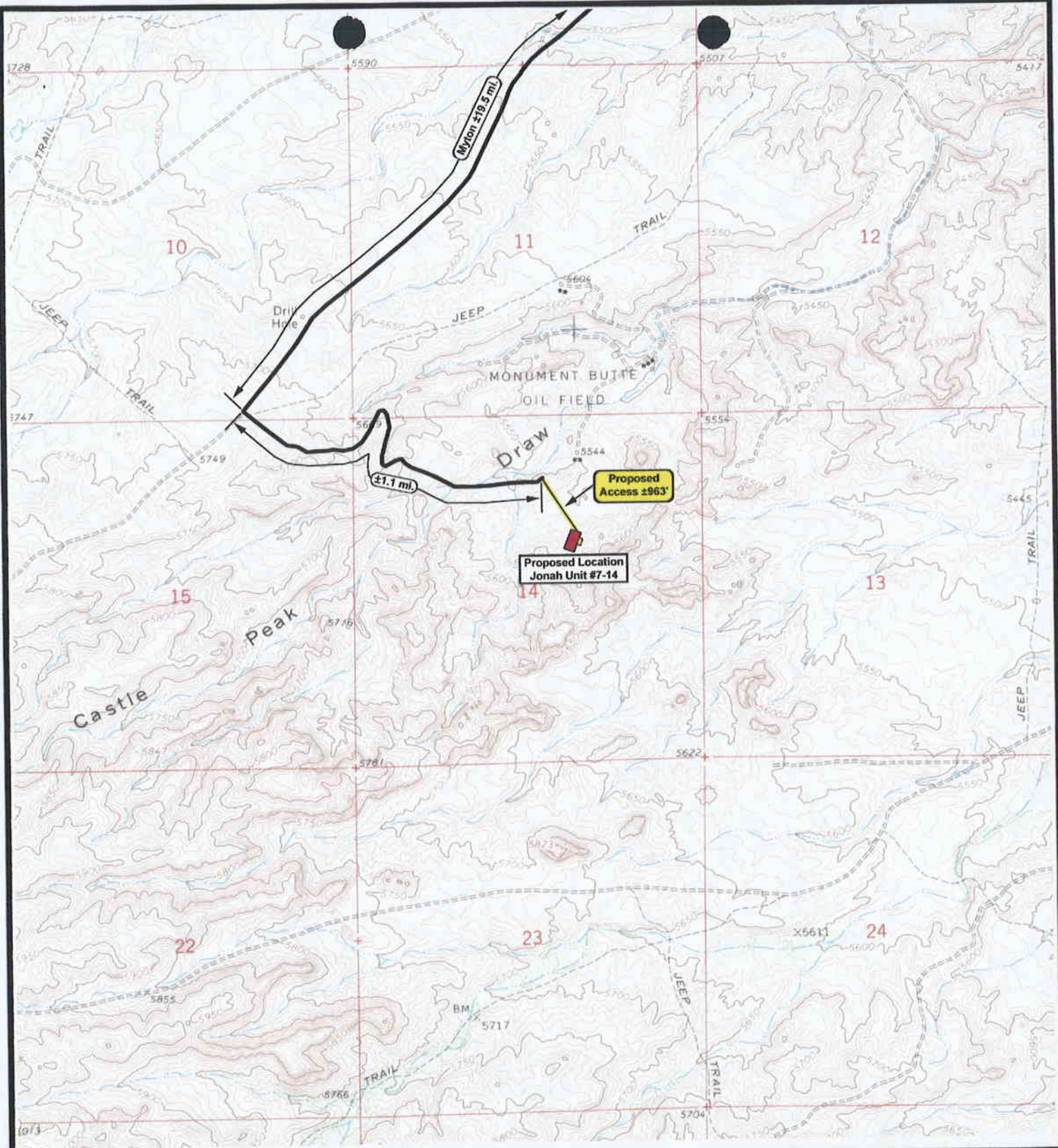
SCALE: 1" = 100,000'  
 DRAWN BY: D.J.  
 DATE: 11-19-2001

**Legend**  
 — Existing Road  
 — Proposed Access

TOPOGRAPHIC MAP

**"A"**





**Jonah Unit #7-14**  
**SEC, 14, T9S. R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: D.J.

DATE: 11-19-2001

**Legend**

— Existing Road  
 — Proposed Access

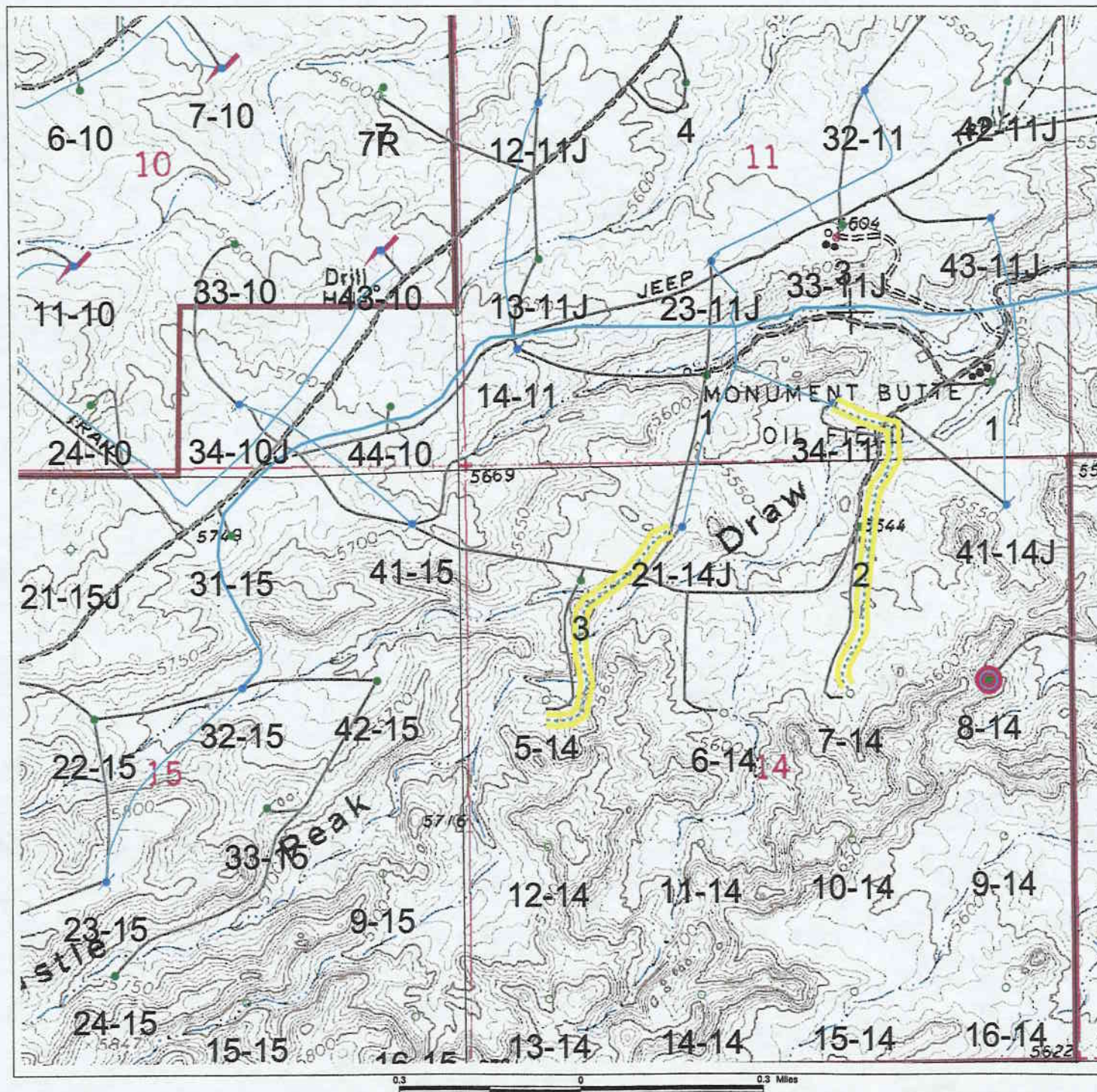
TOPOGRAPHIC MAP

**"B"**









410 1<sup>st</sup> Street, Suite 200  
Durham, Colorado 80202  
Phone: (303) 493-0102

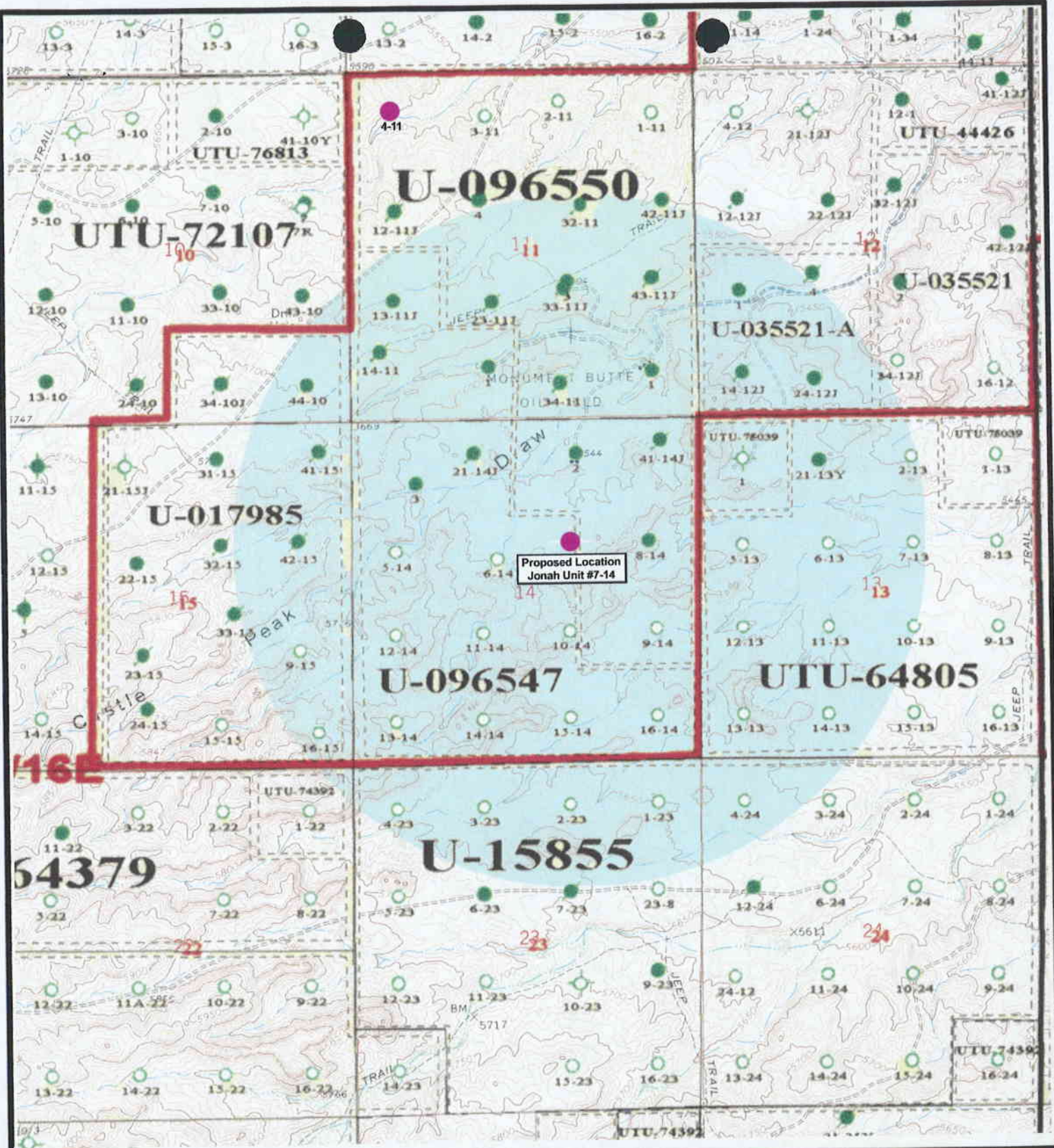
## Water Pipeline Map

UINTA BASIN, UTAH  
Duchesne & Uintah Counties, Utah

E.C. Chapla

January 11, 2002





**Jonah Unit #7-14**  
**SEC. 14, T9S, R16E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'

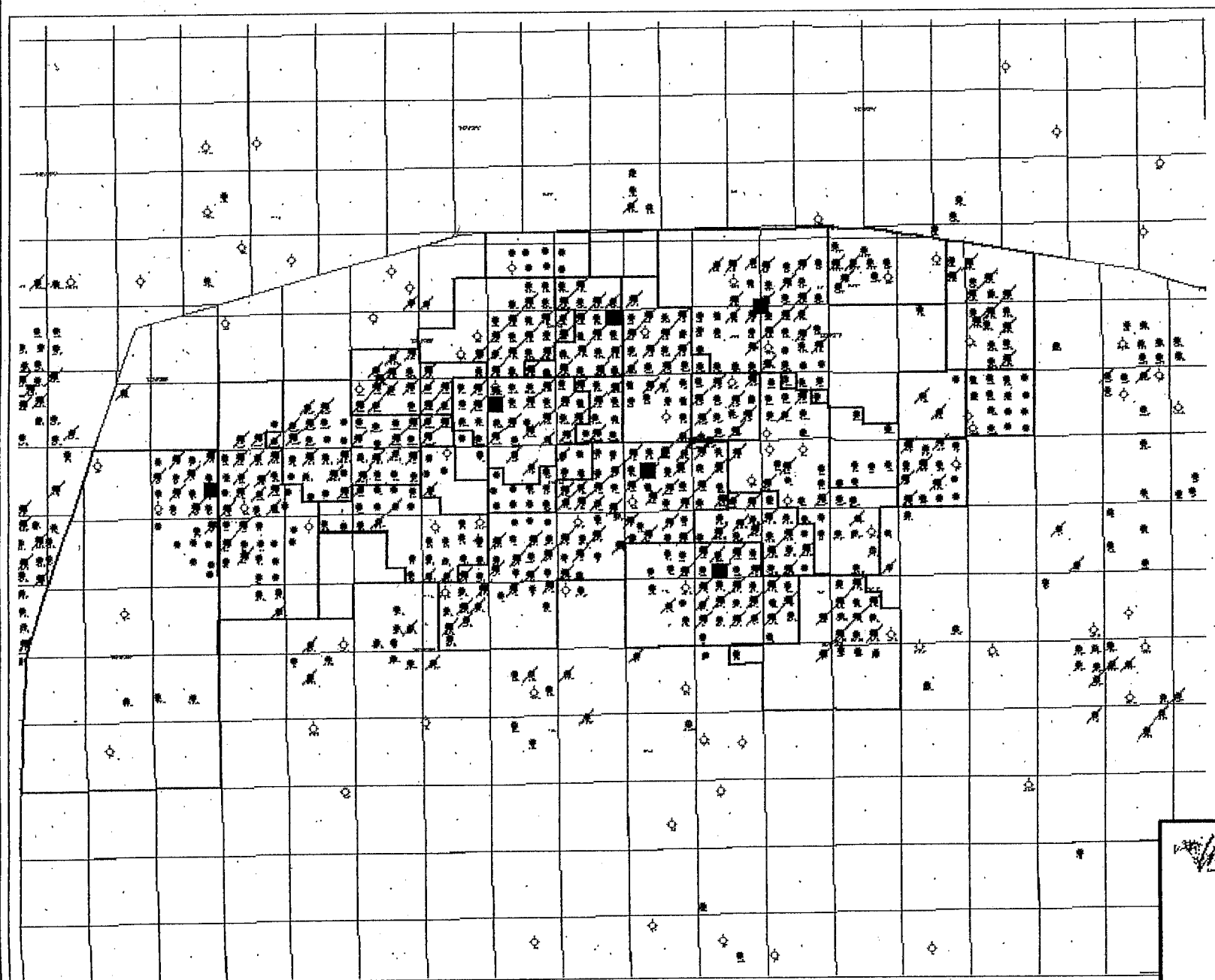
DRAWN BY: D.J.

DATE: 11-19-2001

**Legend**

- Proposed Locations
- One Mile Radius

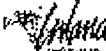
**Exhibit**  
**"B"**



- Section Station  
 Well Categories  
 INJ  
 OIL  
 DRY  
 SHUTIN  
 Brals



Exhibit "A"

  
 430 17th Street, Suite 200  
 Denver, Colorado 80202  
 Phone (303) 839-1422

Uinta Basin  
 UTAH BASIN, UTAH  
 Bathurst & Clench Counties, UT

10/16/2000  
 J. J. O'Neil

RAM TYPE B.O.P.

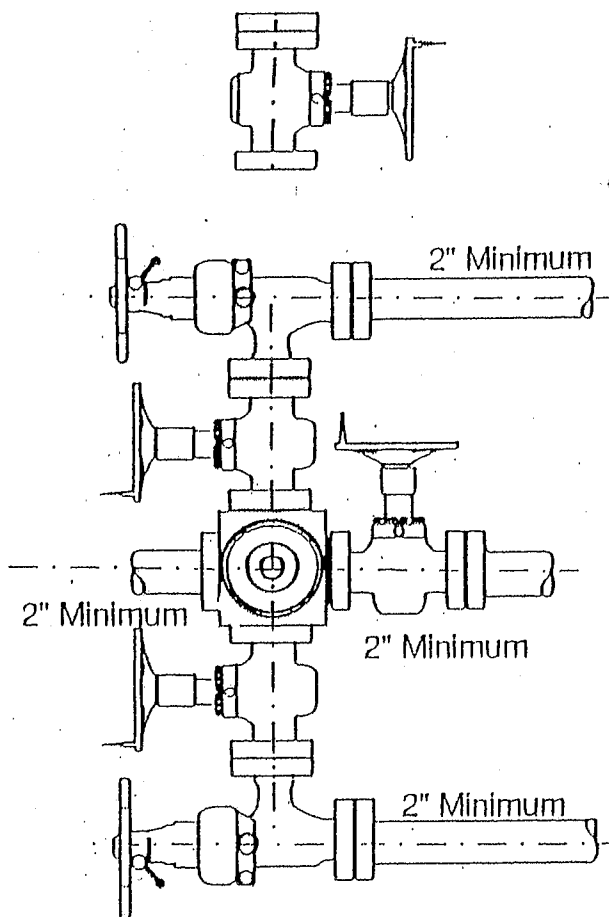
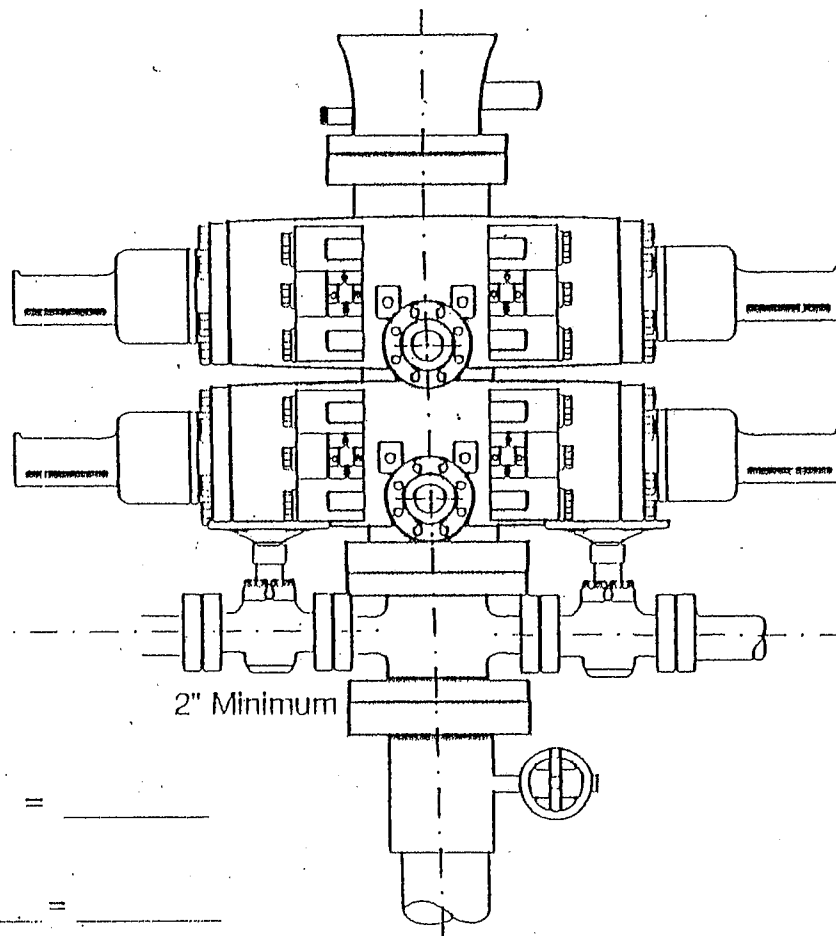
Make:

Size:

Model:

## 2-M SYSTEM

EXHIBIT "C"



GAL TO CLOSE

Annular BOP = \_\_\_\_\_

Ramtype BOP

\_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
increment of 10 gal. would require  
\_\_\_\_\_ Gal. (total fluid & nitro volume)

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/31/2002

API NO. ASSIGNED: 43-013-32338

WELL NAME: JONAH 7-14-9-16

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 14 090S 160E

SURFACE: 1944 FNL 1892 FEL

BOTTOM: 1944 FNL 1892 FEL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-096547

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit JONAH  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 228-2  
Eff Date: 7-16-93  
Siting: \*Per unit agreement.  
\_\_\_ R649-3-11. Directional Drill

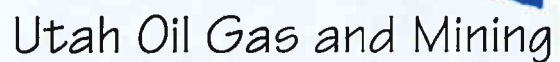
COMMENTS:

Mon. Butte Field Sol, separate file.

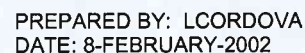
STIPULATIONS:

1-Fed. Approved





CAUSE: 228-2



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3180  
(UT-922)

February 13, 2002

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2002 Plan of Development Jonah Unit Duchesne  
County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Jonah Unit, Duchesne County, Utah.

(Proposed PZ Green River)

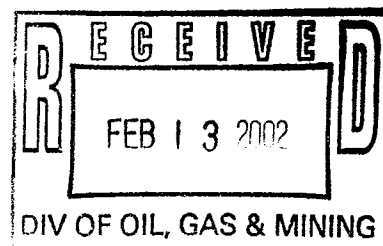
43-013-32336 Jonah 5-14-9-16 Sec. 14, T9S, R16E 2028 FNL 0659 FNL  
43-013-32337 Jonah 6-14-9-16 Sec. 14, T9S, R16E 1882 FNL 1923 FNL  
43-013-32338 Jonah 7-14-9-16 Sec. 14, T9S, R16E 1944 FNL 1892 FEL

This is office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Jonah  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:2-13-02





003



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 14, 2002

Inland Production Company  
Route 3 Box 3630  
Myton UT 84052

Re: Jonah 7-14-9-16 Well, 1944' FNL, 1892' FEL, SW NE, Sec. 14, T. 9 South, R. 16 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32338.

Sincerely,

A handwritten signature in dark ink, appearing to read 'John R. Baza'.

John R. Baza  
Associate Director

cc

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Inland Production Company  
**Well Name & Number** Jonah 7-14-9-16  
**API Number:** 43-013-32338  
**Lease:** U-096547  
**Location:** SW NE      **Sec.** 14      **T.** 9 South      **R.** 16 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

004  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

Route #3 Box 3630, Myton, UT 84052

Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At Surface SW/NE 1944' FNL 1892' FEL

At proposed Prod. Zone

5. LEASE DESIGNATION AND SERIAL NO.

U-096547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Jonah

8. FARM OR LEASE NAME WELL NO

7-14-9-16

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

SW/NE

Sec. 14, T9S, R16E

12. County

Duchesne

13. STATE

UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 20.6 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY  
OR LEASE LINE, FT. (Also to

Approx. 572' f/lse line & 1892' f/unit line

16. NO. OF ACRES IN LEASE

600.00

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL,  
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1527'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5570.6' GR

22. APPROX. DATE WORK WILL START\*

1st Quarter 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Marlene Crozier TITLE Permit Clerk DATE 1/29/02

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Thomas R. Cleary DATE 05/10/2002

Assistant Field Manager

Mineral Resources

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAY 16 2002

DIVISION OF  
OIL, GAS AND MINING

DOGMA  
APD POSTED 01/31/02

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company.

Well Name & Number: MB 7-14-9-16

Lease Number: U-096547

API Number: 43-13-32338

Location: SWNE Sec. 14 T.9S R. 16E

Agreement: Monument Butte Unit

**For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.**

### CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease that would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

### **SURFACE USE PROGRAM**

#### **Conditions of Approval (COA)**

Inland Production Company - Well No. 5-14-9-16, 6-14-9-16 & 7-14-9-16

#### Plans For Reclamation Of Location:

1. All seeding for reclamation operations at these locations shall use the following seed mixture:

galleta grass	Hilaria jamesii	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
Gardners salt bush	Atriplex gardneri	3 lbs/acre
Indian rice grass	Oryzopsis hymenoides	3 lbs/acre
2. If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.
3. Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

#### Other Information:

1. If any the location is a producing oil well the pumping unit motor will be equipped with a "hospital type" muffler or a multi-cylinder engine.

Due to potential paleontological resources during construction of the access road, well location, and reserve pit, for well No. 5-14-9-17 a qualified paleontologist acceptable to the authorized officer of the Vernal Field Office will monitor for fossil discovery. If fossils are located work will discontinue until a determination is made to record fossils finds or salvage fossils.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

005

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1944 FNL 1892 FEL SW/NE Section 14, T9S R16E

5. Lease Designation and Serial No.

U-096547

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH 7-14-9-16

9. API Well No.

43-013-32338

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Permit Extension

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company requests to extend the permit to drill this well for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 02-13-03  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 02-14-03  
Initials: [Signature]

RECEIVED

FEB 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Mandie Crozier

Title

Permit Clerk

Date

2/3/03

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: JONAH 17-14-9-16Api No: 43-013-32338 Lease Type: FEDERALSection 14 Township 09S Range 16E County DUCHESNEDrilling Contractor LEON ROSS RIG# 14**SPUDDED:**Date 05/12/03Time 12:00 NOONHow DRY**Drilling will commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-823-7468Date 05/14/2003 Signed: CHD



007

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
B	99999	11482	43-013-32338	Jonah #7-14-9-16	SW/NE	14	9S	16E	Duchesne	May 11, 2003	5/16/03

WELL 1 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		

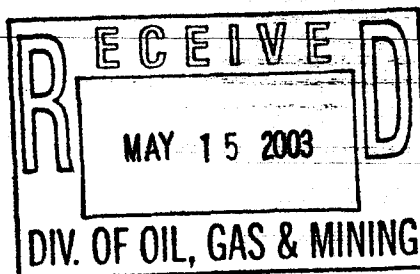
WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/09)



*Kebbie S. Jones*  
Signature  
Production Clerk  
Date  
May 15, 2003

PAGE 02

INLAND

4356463031

09:59

05/15/2003

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**008****SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1944' FNL & 1892' FEL SW/NE Sec 14. TWN 9S. R16E**

## 5. Lease Designation and Serial No.

**U-096547**

## 6. If Indian, Allottee or Tribe Name

**NA**

## 7. If Unit or CA, Agreement Designation

**Jonah**

## 8. Well Name and No.

**Jonah 7-14-9-16**

## 9. API Well No.

**43-013-32338**

## 10. Field and Pool, or Exploratory Area

**Monument Butte**

## 11. County or Parish, State

**Duchesne, Utah**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Spud Report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 5-11-03. MIRU Ross # 14 . Drill 307' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn.  
Set @ 311.89'/KB On 5-14-03 cement with 150 sks of Class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake Mixed  
@ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC

## 14. I hereby certify that the foregoing is true and correct

Signed

**Pat Wisener**

Title

**Drilling Foreman**

Date

**05/17/2003**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED****MAY 20 2003****DIV. OF OIL, GAS & MINING**

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 311.89

LAST CASING 8 5/8" SET AT 311.89'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 307 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Jonah 7-14-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 14

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		41.10' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.04
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			301.89
TOTAL LENGTH OF STRING		301.89	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>311.89</b>
TOTAL		300.04	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		305.69	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.		SPUD	05/11/2003	Bbls CMT CIRC TO SURFACE			5
CSG. IN HOLE			12:00pm	RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN CIRC				DID BACK PRES. VALVE HOLD ?			N/A
BEGIN PUMP CMT				BUMPED PLUG TO			200 PSI
BEGIN DSPL. CMT							
PLUG DOWN		Cemented	05/14/2003				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Pat Wisener DATE 05/14/2003

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

014

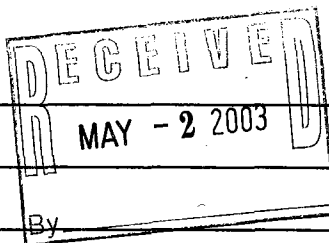
SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other



2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1944 FNL 1892 FEL SW/NE Section 14, T9S R16E

5. Lease Designation and Serial No.

U-096547

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH 7-14-9-16

9. API Well No.

43-013-32338

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

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☐ Subsequent Report  
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☒ Other Permit Extension

☐ Change of Plans  
☐ New Construction  
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☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company requests to extend the Permit to Drill this well for one year.

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAY 28 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

Mandie Crozier  
Mandie Crozier

Title

Regulatory Specialist

Date

5/1/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Kirk Johnson

Title

Petroleum Engineer

Date

5/6/03

Conditions of approval, if any:

CC: Utah DOGM

This is in violation of Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company  
APD Extension

Well: Jonah 7-14-9-16

Location: SWNE Sec. 14, T9S, R16E

Lease: U-096547

**Conditions of Approval**

An extension for the referenced APD is granted with the following conditions:

1. The extension will expire May 10, 2004
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.



December 16, 2003

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels  
Re: Completion reports

Dear Ms. Carol Daniels

Enclosed are the preliminary completion reports for the wells spud more than 4 months ago, but not reported as completed.

Inland Resources intends to drill and complete most of the wells on this list in the year 2004. At that time, I will be sending to you the final completion reports for these wells.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris  
Engineering Tech

RECEIVED  
DEC 22 2003  
DIV. OF OIL, GAS & MINING



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
			Well Name Jonah 7-14-9-16	Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)			



**Wells Spudded More than 4 Months Ago But Not Yet Reported As Completed**

Well Name			Twp-Rng-Sec		API Number		Spud Date
S WELLS DRAW 13-3-9-16			09S 16E 03		4301332106		9/22/2000
LONE TREE 10-16-9-17			09S 17E 16		4301332087		2/5/2001
LONE TREE 15-16-9-17			09S 17E 16		4301332089		2/7/2001
LONE TREE 16-16-9-17			09S 17E 16		4301332150		2/13/2001
ODEKIRK SPRINGS 15-35-8-17			08S 17E 35		4304733550		4/11/2001
GBU 1-34-8-17			08S 17E 34		4301332252		8/12/2001
GBU 7-34-8-17			08S 17E 34		4301332257		8/30/2001
ASHLEY 2-11-9-15			09S 15E 11		4301332214		10/24/2001
S WELLS DRAW 14-3-9-16			09S 16E 03		4301332139		2/18/2002
S WELLS DRAW 11-3-9-16			09S 16E 03		4301332138		2/19/2002
ASHLEY 7-11-9-15			09S 15E 11		4301332215		7/8/2002
JONAH 4-11-9-16			09S 16E 11		4301332279		1/2/2003
GBU 10-26-8-17			08S 17E 26		4304734309		1/29/2003
GBU 2-26-8-17			08S 17E 26		4304734163		4/29/2003
<b>JONAH 7-14-9-16</b>			09S 16E 14		<b>4301332338</b>		<b>5/12/2003</b>
JONAH 6-14-9-16			09S 16E 14		4301332337		6/9/2003
JONAH 5-14-9-16			09S 16E 14		4301332336		6/11/2003
LONE TREE U 8-16-9-17			09S 17E 16		4301332311		7/15/2003
HUMPBAC FED 9-24-8-17			08S 17E 24		4304734881		7/21/2003
LONE TREE U 7-16-9-17			09S 17E 16		4301332310		7/25/2003

RECEIVED

DEC 22 2003

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

010

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7. If Unit or CA, Agreement Designation

**JONAH**

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**JONAH 7-14-9-16**

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**43-013-32338**

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**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

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☐ Altering Casing  
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☐ New Construction  
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☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 3-01-04 MIRU Patterson # 155 . Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 5890'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 131 Jt's 51/2" J-55 15.5# csgn. Set @ 5875' KB. Cement with 376 sks Prem Lite II w/ 3% KCL, 8 % Gel, 5#"s sk CSE, 3#"s sk Kolseal, .8% Sms, 1/2# sks Celloflake. Mixed @ 11.0 ppg, >3.42 yld. Followed by 400 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/2# sk Celloflake. Mixed @ 14.4 ppg, > 1.24 yld. Returned 3 bbbbs cement to pit. Nippel down BOP's. Drop slips @ 67,000 # 's tension. Clean pit's & release rig on 3-7-04

14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wisener*  
Pat Wisener

Title

**Drilling Foreman**

Date

**3/8/2004**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**MAR 11 2004**

DIV. OF OIL, GAS & MINING

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5875.38

Flt cllr @ 5853'

LAST CASING 8 5/8" SET AT 300'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Jonah Fed 7-14-9-16

DATUM TO CUT OFF CASING 12.5'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # Patterson # 155

TD DRILLER 5890' LOGGER 5882'

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>5.04' @ 4131'</b>					
<b>131</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5841.63
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	20
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5876.88
TOTAL LENGTH OF STRING	5876.88	132	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12.5
PLUS FULL JTS. LEFT OUT	88.27	2	CASING SET DEPTH	<b>5875.38</b>

TOTAL	5949.90	134	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	5949.9	134	

TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	4:00am		GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	7:30am		Bbls CMT CIRC TO SURFACE <u>3 bbls cement</u>
BEGIN CIRC	7:45am	8:21am	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>
BEGIN PUMP CMT	8:36am	9:09am	DID BACK PRES. VALVE HOLD ? <u>yes</u>
BEGIN DSPL. CMT	9:26am		BUMPED PLUG TO <u>1910</u> PSI
PLUG DOWN		<b>9:53am</b>	

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>376</b>	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
<b>2</b>	<b>400</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.	
<b>MAR 11 2004</b>	
DIV. OF OIL, GAS & MINING	

COMPANY REPRESENTATIVE Pat Wisener

DATE 3/7/2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

011

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1944 FNL, 1892 FEL

SW/NE Section 14 T9S R16E

5. Lease Serial No.

UTU72086A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

JONAH UNIT

8. Well Name and No.

JONAH 7-14-9-16

9. API Well No.

4301332338

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work is performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation requires multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status Report for time period 3/17/04-3/25/04

Subject well had completion procedures initiated in the Green River formation on 3/17/04 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1: (4996'-5024'); Stage #2: (4828'-4844'); Stage #3: (4692'-4711'); Stage #4: (4649'-4655'), (4627'-4630'); Stage #5: (4083'-4092'), (4036'-4040'). All perforations were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 3/22/04. Bridge plugs were drilled out and well was cleaned to PBTD @ 5855'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run and anchored in well. End of tubing string @ 5070'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 3/25/04.

RECEIVED

APR 14 2004

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Matthew Richmond

Title

Production Clerk

Signature

Date  
4/12/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

015

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1944 FNL 1892 FEL SW/NE Section 14, T9S R16E**

5. Lease Designation and Serial No.

**U-096547**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**JONAH 7-14-9-16**

9. API Well No.

**43-013-32338**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

**RECEIVED**  
**APR 16 2004**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Mandie Crozier*  
Mandie Crozier

Title

Regulatory Specialist

Date

4/14/2004

CC: UTAH DOGM

• (This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

012

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-096547	
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
2. NAME OF OPERATOR INLAND RESOURCES INC.		3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202		7. UNIT AGREEMENT NAME Jonah	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1944' FNL & 1892' FEL (SW NE) Sec. 14, T9S, R16E At top prod. Interval reported below		14. API NO. 43-013-32338		8. FARM OR LEASE NAME, WELL NO. Jonah 7-14-9-16	
15. DATE SPUDDED 5/11/03		16. DATE T.D. REACHED 3/6/2004		9. WELL NO. 43-013-32338	
17. DATE COMPL. (Ready to prod.) 3/25/2004		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5570' GL		10. FIELD AND POOL OR WILDCAT Monument Butte	
20. TOTAL DEPTH, MD & TVD 5890'		21. PLUG BACK T.D., MD & TVD 5855'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 14, T9S, R16E	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ----->		12. COUNTY OR PARISH Duchesne	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River		25. WAS DIRECTIONAL SURVEY MADE No		13. STATE UT	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log		27. WAS WELL CORED No		19. ELEV. CASINGHEAD 5582' KB	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8" - J-55		24#		311'	
5-1/2" - J-55		15.5#		5875'	
29. LINER RECORD		30. TUBING RECORD		AMOUNT PULLED	
SIZE		TOP (MD)		DEPTH SET (MD)	
		BOTTOM (MD)		EOT @	
		SACKS CEMENT*		5070'	
		SCREEN (MD)		TA @	
				4971'	
31. PERFORATION RECORD (Interval, size and number)					
INTERVAL		SIZE		SPF/NUMBER	
(A3) 4996'-5024'		.038		4/112	
(B 2) 4828'-4844'		.038		4/64	
(C-sd) 4692'-4711'		.038		4/76	
(D3) 4627'-30', 4649-55'		.038		4/36	
(GB4,6) 4036-4040', 4083-4092'		.038		4/52	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4996'-5024'		Frac w/ 100,024# 20/40 sand in 713 bbls fluid.			
4828'-4844'		Frac w/ 69,957# 20/40 sand in 536 bbls fluid.			
4692'-4711'		Frac w/ 50,348# 20/40 sand in 417 bbls fluid.			
4627'-4655'		Frac w/ 24,818# 20/40 sand in 268 bbls fluid.			
4036'-4092'		Frac w/ 39,524# 20/40 sand in 346 bbls fluid.			
33.* PRODUCTION					
DATE FIRST PRODUCTION 3/25/2004		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)			
DATE OF TEST 10 day ave		HOURS TESTED		CHOKE SIZE	
FLOW. TUBING PRESS.		CASING PRESSURE		PROD'N. FOR TEST PERIOD ----->	
		CALCULATED 24-HOUR RATE ----->		OIL--BBL. 160	
				GAS--MCF. 160	
				WATER--BBL. 51	
				GAS-OIL RATIO 1000	
				OIL GRAVITY (API) (S.G.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel					
35. LIST OF ATTACHMENTS TEST WITNESSED BY					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Brian Harris		TITLE Engineering Technician		DATE 5/3/2004	

MAY 06 2004

DIV. OF OIL, GAS &amp; MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Jonah 7-14-9-16	Garden Gulch Mkr	3518'	
				Garden Gulch 1	3725'	
				Garden Gulch 2	3834'	
				Point 3 Mkr	4102'	
				X Mkr	4352'	
				Y-Mkr	4385'	
				Douglas Creek Mkr	4507'	
				BiCarbonate Mkr	4744'	
				B Limestone Mkr	4863'	
				Castle Peak	5351'	
				Basal Carbonate	5802'	
				Total Depth (LOGGERS	5890'	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

2004 9 16





## Office of the Secretary of State

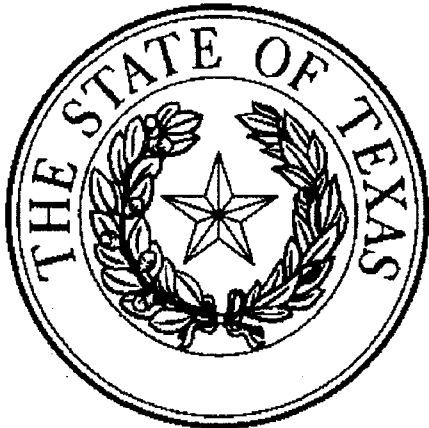
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

<b>UTSL-</b>	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
<b>UTU-</b>	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

## OPERATOR CHANGE WORKSHEET

013

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

JONAH (GREEN RIVER)

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
JONAH FED 1-11	11	090S	160E	4301332157	11492	Federal	WI	A
JONAH FED 2-11	11	090S	160E	4301332158	11492	Federal	OW	P
JONAH FED 3-11	11	090S	160E	4301332159	11492	Federal	WI	A
JONAH 4-11-9-16	11	090S	160E	4301332279	11492	Federal	OW	P
JONAH UNIT 4-12	12	090S	160E	4301332180	11492	Federal	OW	P
JONAH FED 9-12-9-16	12	090S	160E	4301332430	11492	Federal	OW	P
JONAH FED 16-12-9-16	12	090S	160E	4301332431	11492	Federal	OW	P
JONAH FED 15-12-9-16	12	090S	160E	4301332627		Federal	OW	APD
JONAH UNIT 8-14-9-16	14	090S	160E	4301332054	11492	Federal	OW	P
JONAH 5-14-9-16	14	090S	160E	4301332336	11492	Federal	OW	P
JONAH 6-14-9-16	14	090S	160E	4301332337	11492	Federal	OW	P
JONAH 7-14-9-16	14	090S	160E	4301332338	11492	Federal	OW	P
JONAH FED 9-14-9-16	14	090S	160E	4301332661		Federal	OW	APD
JONAH FED 10-14-9-16	14	090S	160E	4301332662		Federal	OW	APD
JONAH 8-7	07	090S	170E	4301331989	11492	Federal	WI	A

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

**DIVISION OF OIL, GAS AND MINING**  
**UNDERGROUND INJECTION CONTROL PROGRAM**  
**PERMIT**  
**STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Jonah Federal 7-14-9-16

**Location:** 14/9S/16E      **API:** 43-013-32338

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Jonah Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 297 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5,890 feet. A cement bond log demonstrates adequate bond in this well up to 2,976 feet. A 2 7/8 inch tubing with a packer will be set at 4,001. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells and 3 injection well in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1,600 feet. Injection shall be limited to the interval between 3,834 feet and 5,802 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 7-14-9-16 well is .87 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,741 psig. The requested maximum pressure is 1,741 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Jonah Fed. 7-14-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Jonah Unit January 13, 1993 . Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

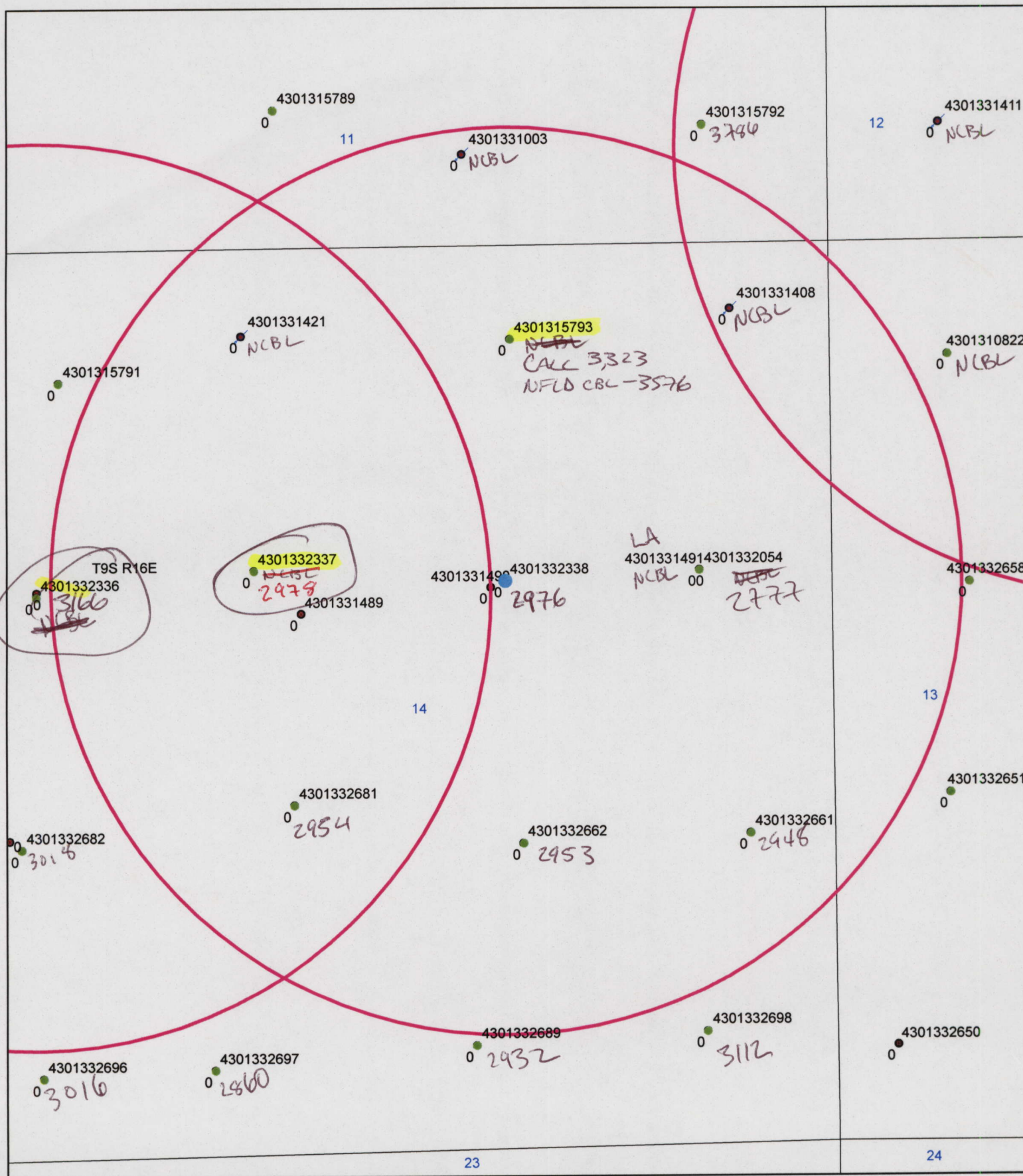
**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date 09/19/2006

# Jonah 7-14-9-16 UIC-331.6







March 3, 2006

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Jonah #7-14-9-16  
Monument Butte Field, Jonah Unit, Lease #UTU-096547  
Section 14 -Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah #7-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in cursive script that reads "David Gerbig".

David Gerbig  
Operations Engineer

RECEIVED  
MAR 29 2006  
DIVISION OF OIL, GAS AND MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**JONAH #7-14-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**JONAH UNIT**  
**LEASE #UTU-096547**  
**MARCH 3, 2006**

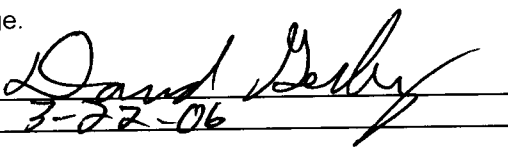
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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number:		<u>Jonah #7-14-9-165</u>	
Field or Unit name:		<u>Monument Butte (Green River), Jonah Unit</u>	Lease No. <u>UTU-096547</u>
Well Location: QQ <u>SW/NE</u> section <u>14</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>			
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]			
Will the proposed well be used for:			
Enhanced Recovery? ..... Yes [ X ] No [ ]			
Disposal? ..... Yes [ ] No [ X ]			
Storage? ..... Yes [ ] No [ X ]			
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]			
If this application is for an existing well,			
has a casing test been performed on the well? ..... Yes [ ] No [ X ]			
Date of test: _____			
API number: <u>43-013-32338</u>			
Proposed injection interval: from <u>3834'</u> to <u>5802'</u>			
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1741</u> psig			
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>IMPORTANT:</b> Additional information as required by R615-5-2 should accompany this form.</div>			
List of Attachments: <u>Attachments "A" through "H-1"</u>			
I certify that this report is true and complete to the best of my knowledge.			
Name: <u>David Gerbig</u>		Signature <u></u>	
Title <u>Operations Engineer</u>		Date <u>3-22-06</u>	
Phone No. <u>(303) 893-0102</u>			
(State use only)			
Application approved by _____		Title _____	
Approval Date _____			
Comments:			

# Jonah #7-14-9-16

Spud Date: 5/11/03  
Put on Production: 3/25/04  
GL: 5570' KB: 5582'

Initial Production: 160 BOPD,  
160 MCFPD, 51 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 311.89'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts, 5876.88'  
DEPTH LANDED: 5875.38'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 376 sxs Premilite II mixed & 400 sxs 50/50 poz.  
CEMENT TOP AT: 170'

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 158 jts. (4958.90')  
TUBING ANCHOR: 4971.40'  
NO. OF JOINTS: 1 jts. (31.54')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5005.74'  
NO. OF JOINTS: 2 jts. (62.95')  
TOTAL STRING LENGTH: EOT @ 5070.24'

### FRAC JOB

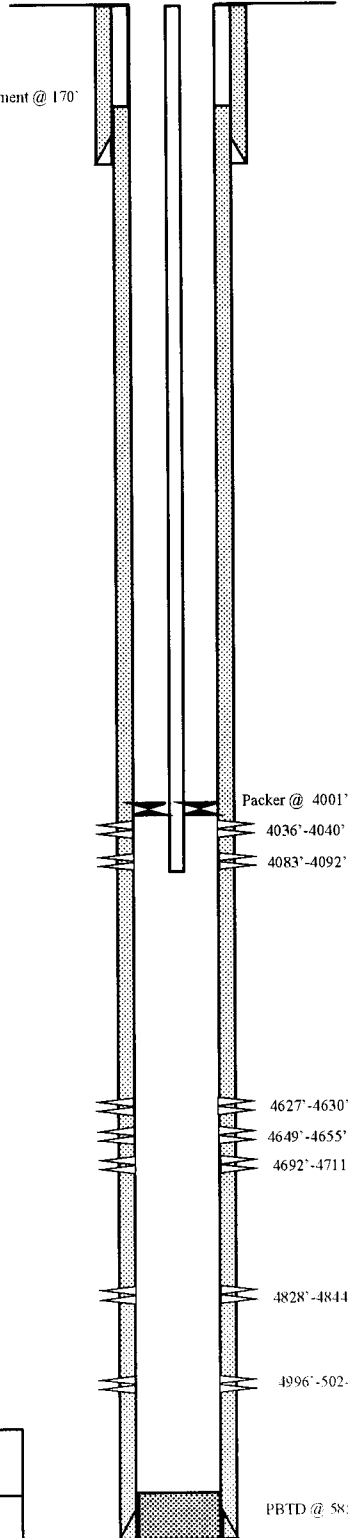
3/19/04 4996'-5024' **Frac A3 sands as follows:**  
100,024# 20/40 sand in 713 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2152  
psi w/avg rate of 24.6 BPM. ISIP 2520 psi.  
Calc flush: 4994 gal. Actual flush: 4998 gal.

3/19/04 4828'-4844' **Frac B2 sands as follows:**  
69,957# 20/40 sand in 536 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1857 psi  
w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc  
flush: 4826 gal. Actual flush: 4830 gal.

3/19/04 4692'-4711' **Frac C sands as follows:**  
50,348# 20/40 sand in 417 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1987 psi  
w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc  
flush: 4690 gal. Actual flush: 4704 gal.

3/19/04 4627'-4655' **Frac D3 sands as follows:**  
24,818# 20/40 sand in 268 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2542 psi  
w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc  
flush: 4625 gal. Actual flush: 4620 gal.

3/19/04 4036'-4092' **Frac GB6 & GB4 sands as follows:**  
39,524# 20/40 sand in 346 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2210 psi  
w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc  
flush: 4034 gal. Actual flush: 3948 gal.



### PERFORATION RECORD

Date	Depth Range	Tool	Holes
3/17/04	4996'-5024'	4 JSPF	112 holes
3/19/04	4828'-4844'	4 JSPF	64 holes
3/19/04	4692'-4711'	4 JSPF	76 holes
3/19/04	4649'-4655'	4 JSPF	24 holes
3/19/04	4627'-4630'	4 JSPF	12 holes
3/19/04	4083'-4092'	4 JSPF	36 holes
3/19/04	4036'-4040'	4 JSPF	16 holes

**NEWFIELD**

**JONAH 7-14-9-16**

1944' FNL & 1892' FEL

SWNE Section 14, T9S R16E

DUCHE SNE CO, UTAH

API #43-013-32338; LEASE #UTU-096547

APR 22 2004

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202
  - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Jonah #7-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Jonah Unit.
  - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Jonah #7-14-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3834' - 5802'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3834' and the Castle Peak top at 5351'.
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Jonah #7-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.



- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-096547) in the Monument Butte (Green River) Field, Jonah Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 312' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5875' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1741 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Jonah #7-14-9-16, for existing perforations (4036' - 5024') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1741 psig. We may add additional perforations between 3834' and 5890'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Jonah #7-14-9-16, the proposed injection zone (3834' - 5802') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

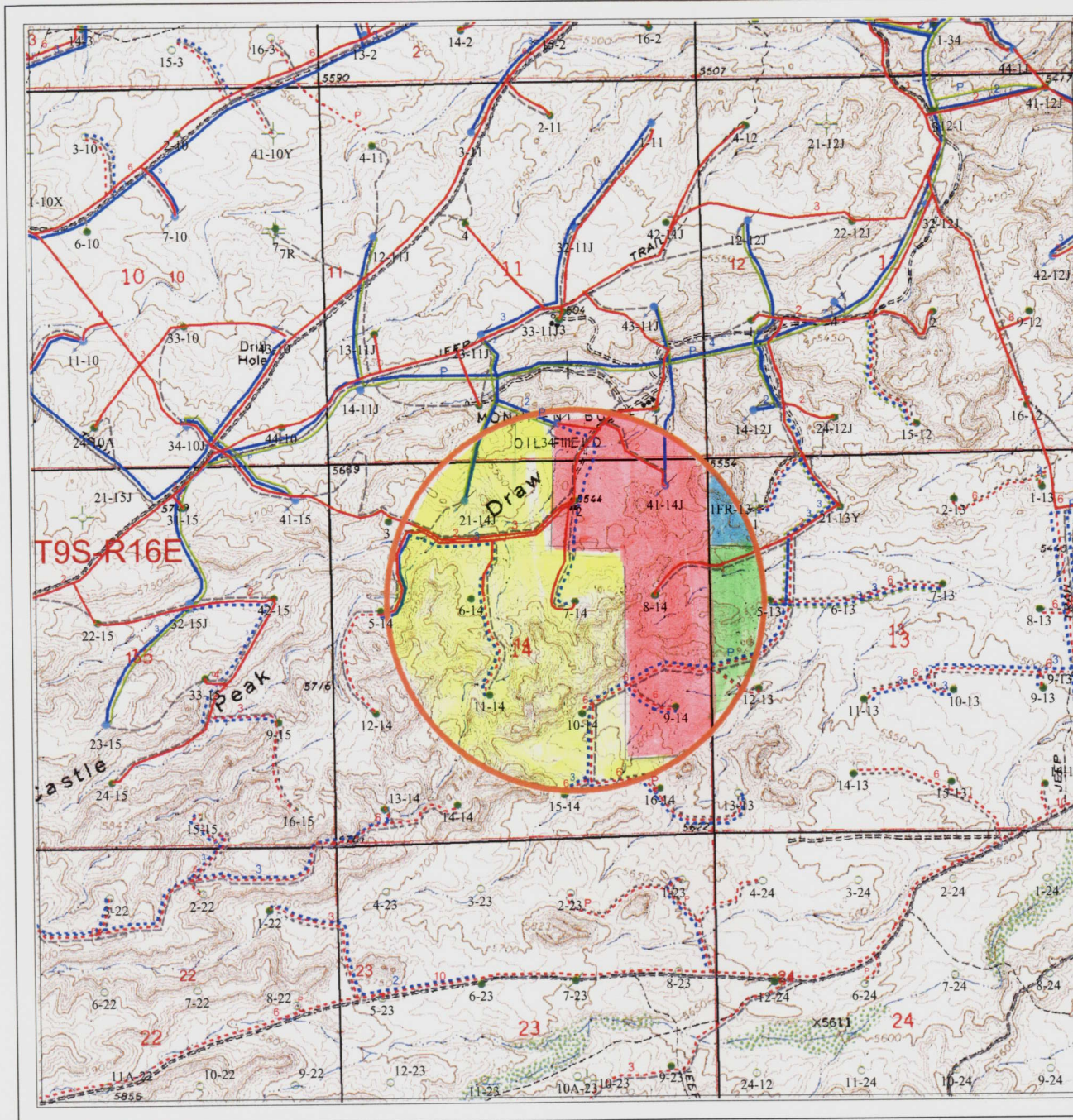
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Mining tracts**
- Mining tracts
- 7-14-9-16 1/2mile radius**
- 7-14-9-16 1/2mile radius

UTU-096547

UTU-096550

UTU-64805

UTU-75039

Attachment A

Jonah 7-14-9-16  
Section 14, T9S-R16E

**NEWFIELD**



ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

February 17, 2006

**T9S, R16E, S.L.B.&M.**

S89°59'W - 79.78 (G.L.O.)

1910  
Brass Cap

S89°58'52"W - 2625.45' (Meas.)

2632.13' (Measured)  
S89°59'W G.L.O. (Basis of Bearings)

1910  
Brass Cap

1910  
Brass Cap

N0°01'W (G.L.O.)

N0°01'W (G.L.O.)

**14**

**WELL LOCATION:  
JONAH UNIT #7-14**

ELEV. UNGRADED GROUND = 5570.6'



DRILLING  
WINDOW

1892' (Computed)

S89°544'W - 79.82 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

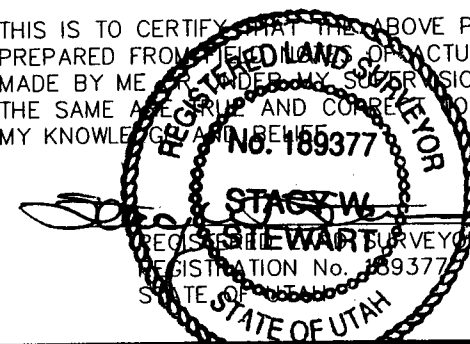
**INLAND PRODUCTION COMPANY**

WELL LOCATION, JONAH UNIT #7-14,  
LOCATED AS SHOWN IN THE SW 1/4 NE  
1/4 OF SECTION 14, T9S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD AND ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 11-14-01

DRAWN BY: J.R.S.

NOTES:

FILE #

# EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 11: W/2SW/4, SE/4SW/4 Section 14: SW/4NE/4, SE/4SE/4, W/2SE/4, W/2	UTU-096547 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 11: E/2, NW/4, NE/4SW/4 Section 12: NW/4 Section 14: N/2NE/4, SE/4NE/4, NE/4SE/4	UTU-096550 HBP	Newfield Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 13: NW/4NE/4, NE/4NW/4, S/2N/2, S/2	UTU-64805 HBP	Newfield Production Company Myco Industries, Inc. Abo Petroleum Corporation Yates Drilling Company Yates Petroleum Corporation	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 13: NE/4NE/4, NW/4NW/4	UTU-75039 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Jonah #7-14-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 22 day of March, 2006.

Notary Public in and for the State of Colorado: \_\_\_\_\_

My Commission Expires  
05/05/2009

My Commission Expires: \_\_\_\_\_



## Jonah #7-14-9-16

Spud Date: 5/11/03  
Put on Production: 3/25/04  
GL: 5570' KB: 5582'

Initial Production: 160 BOPD,  
160 MCFPD, 51 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 311.89'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. 5876.88'  
DEPTH LANDED: 5875.38'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 376 sxs Premilite II mixed & 400 sxs 50/50 poz  
CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 158 jts. (4958.90')  
TUBING ANCHOR: 4971.40'  
NO. OF JOINTS: 1 jts. (31.54')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5005.74'  
NO. OF JOINTS: 2 jts. (62.95')  
TOTAL STRING LENGTH: EOT @ 5070.24'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 6- 1 1/2" weighted rods, 10 - 3/4" scraped rods, 86 - 3/4" plain rods, 99 - 3/4" scraped rods, 1-4' & 1-2' x 3/4" pony rods  
PUMP LENGTH: 2 1/2" x 1 1/2" x 14.5' RHAC  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 6  
LOGS: DIL/SFL/FDC/CNL/CBL

FRAC JOB

3/19/04 4996'-5024' **Frac A3 sands as follows:**  
100,024# 20/40 sand in 713 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2152  
psi w/avg rate of 24.6 BPM. ISIP 2520 psi.  
Calc flush: 4994 gal. Actual flush: 4998 gal.

3/19/04 4828'-4844' **Frac B2 sands as follows:**  
69,957# 20/40 sand in 536 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1857 psi  
w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc  
flush: 4826 gal. Actual flush: 4830 gal.

3/19/04 4692'-4711' **Frac C sands as follows:**  
50,348# 20/40 sand in 417 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1987 psi  
w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc  
flush: 4690 gal. Actual flush: 4704 gal.

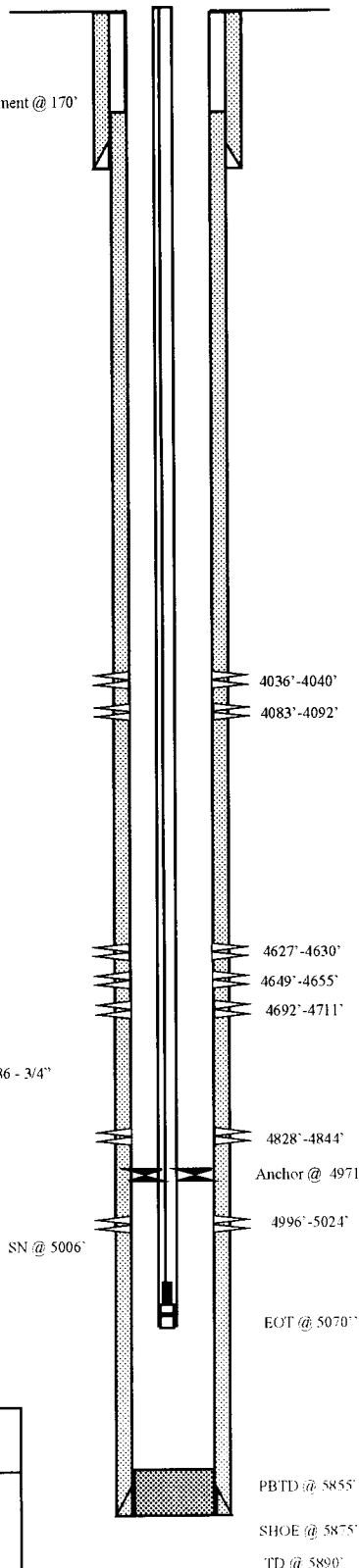
3/19/04 4627'-4655' **Frac D3 sands as follows:**  
24,818# 20/40 sand in 268 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2542 psi  
w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc  
flush: 4625 gal. Actual flush: 4620 gal.

3/19/04 4036'-4092' **Frac GB6 & GB4 sands as follows:**  
39,524# 20/40 sand in 346 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2210 psi  
w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc  
flush: 4034 gal. Actual flush: 3948 gal.

PERFORATION RECORD

3/17/04	4996'-5024'	4 JSPF	112 holes
3/19/04	4828'-4844'	4 JSPF	64 holes
3/19/04	4692'-4711'	4 JSPF	76 holes
3/19/04	4649'-4655'	4 JSPF	24 holes
3/19/04	4627'-4630'	4 JSPF	12 holes
3/19/04	4083'-4092'	4 JSPF	36 holes
3/19/04	4036'-4040'	4 JSPF	16 holes

Top of Cement @ 170'

**NEWFIELD****JONAH 7-14-9-16**

1944' FNL & 1892' FEL  
SW/NE Section 14, T9S R16E  
DUCHE SNE CO, UTAH

API #43-013-32338; LEASE #UTU-096547

Salton Federal #34-11  
SW SE Sec. 11, T9S, R16E  
537' FSL & 2092' FEL  
Lease No. U-096550  
Jonah Unit/Monument Butte Field  
Duchesne Co., Utah

Elev. GL @ 5534'  
Elev. KB @ 5545' (11' KB)

## SURFACE CASING

8 5/8", 24#, K-55  
Casing Length @ 251'  
Landed @ 263' KB  
Hole Size @ 12 1/4"  
Cemented w/210 sx Class G w/ 2% CaCl,  
3% D-44, 1/4#/sx D-29.  
Cemented to Surface

## PRODUCTION CASING

5 1/2", 14# & 15.5#, K-55  
Casing Length @ 5995'  
Landed @ 5995' KB  
Hole Size @ 7 7/8"  
Cemented w/131 sx HiLift &  
687 sx Class H  
Cement Top @ 1665' KB from CBL

## TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/11' KB)
KB	11.00	
1) 144 jnts 2 7/8" tbg	4490.74	4501.74
2) 2 7/8" SN (2.25" ID)	1.10	4502.84
3) 2 7/8" x 2 3/8" X-Over	0.60	4503.44
4) 5.5" Arrow Set-1 Pkr	6.20	4509.64
End of Tubing		4509.64

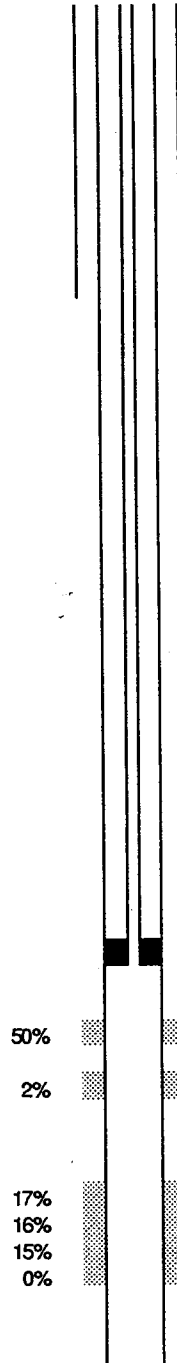
Injection Packers Set 10-22-94 By Mtn States.

2 7/8" SN ID @ 2.25".  
Arrow Set-1 Pkr set w/ 16" Tension.  
Packer fluid - 55 gals Champion Cortron #23-83  
w/ 60 STBW.

## Injection Horizons

4591'- 4596' (5')	RED1
4744'- 4753' (9')	RED5
4876'- 4882' (6')	GREEN1
4884'- 4886' (2')	GREEN1
4888'- 4892' (4')	GREEN1
4901'- 4905' (4')	GREEN1

## Injection Well Completion Diagram



UTAH CAUSE NO.: UIC-152

← 263' KB

← Uintah Formation @ Surface to 1400'

← Top of Cement @ 1665' KB from CBL.

← Green River Formation @ 1400' to 4100'

← Arrow Set-1 Packer @ 4510' KB

## PERFORATION RECORD

4591'- 4596' (5')	(2 SPF)
4744'- 4753' (9')	(2 SPF)
4876'- 4882' (6')	(2 SPF)
4884'- 4886' (2')	(2 SPF)
4888'- 4892' (4')	(2 SPF)
4901'- 4905' (4')	(2 SPF)

Added Perforations on 10-17-94:  
4591'- 4596' RED1 & 4744'- 4753' RED5

← Douglas Creek Member @ 4100' to 5350'

PBTD @ 5942' KB

TD @ 6000' KB

← Wasatch Formation Transition @ 5350' to 6000'

← Wasatch Formation @ 6000'

Tracer Survey ran 12-28-94.

## Monument Fed. #41-14J-9-16

Spud Date: 12/01/93  
 Put on Production: 1/07/94  
 Put on Injection: 10/29/93  
 GL: 5529' KB: 5539'

Initial Production: 20 BOPD,  
 60 MCFD, 10 BWPD

SURFACE CASING

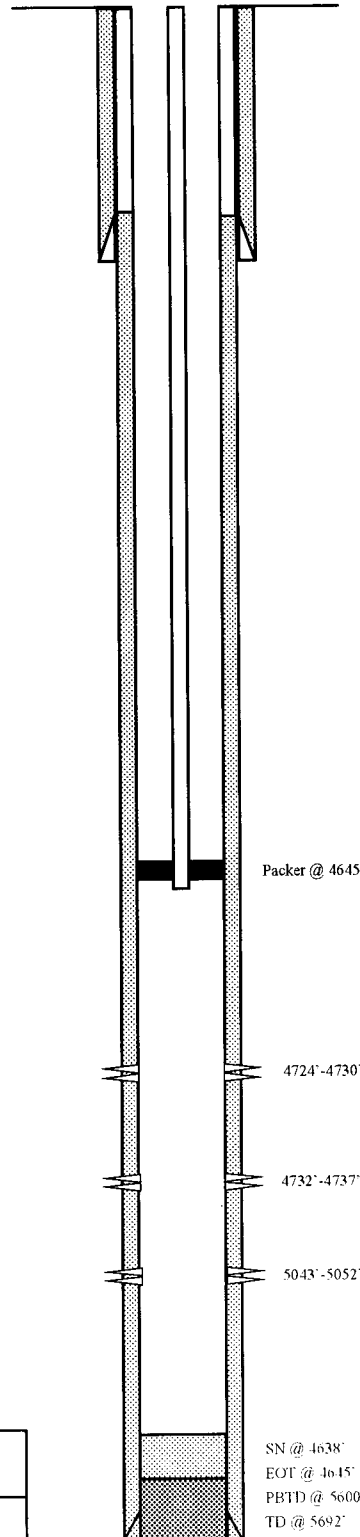
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (271.04')  
 DEPTH LANDED: 279'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5637.81')  
 DEPTH LANDED: 5646.81' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 225 sxs Hi-Lift & 261 sxs Class "G".  
 CEMENT TOP AT: 210' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 149 jts (4627.28')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4638.38' KB  
 2 7/8" x 2 3/8" CROSS-OVER: 4638.98' KB  
 PACKER: 4645.18' KB  
 TOTAL STRING LENGTH: EOT @ 4645.18'


Injection Wellbore  
DiagramFRAC JOB

12/23/93 5043'-5052' **Frac sand as follows:**  
 12,500# 20/40 sand + 6,500# 16/30 sand in  
 194 bbls 2% KCl fluid. Treated @ avg  
 press of 2300 psi w/avg rate of 19 BPM. ISIP  
 2800 psi. Calc. flush: 5043 gal, Actual flush:  
 1344 gal. Screened out.

12/28/93 4724'-4737' **Frac sand as follows:**  
 27,500# 16/30 sand in 354 bbls 2% KCl fluid.  
 Treated @ avg press of 2100 psi w/avg rate of  
 19.5 BPM. ISIP 2100 psi. Calc. flush: 4724  
 gal, Actual flush: 4660 gal.

PERFORATION RECORD

12/22/93	5043'-5052'	2 JSPF	18 holes
12/28/93	4732'-4737'	2 JSPF	10 holes
12/28/93	4724'-4730'	2 JSPF	12 holes

 **Inland Resources Inc.**  
**Monument Fed. #41-14J-9-16**  
 363' FNL & 600' FEL  
 NENE Section 14-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31410; Lease #U-096550

## Walton Federal #2-14-9-16

Spud Date: 5/23/1964  
 Put on Production: 7/03/1964  
 GL: 5546' KB: 5558'

Initial Production: 50 BOPD, 75 MCFD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: J-55  
 WEIGHT: 32.2#  
 LENGTH: 7 jts. (221')  
 DEPTH LANDED: 232' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (4846')  
 DEPTH LANDED: 4857'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 cft 10% salt saturated cement.  
 CEMENT TOP AT: 3576' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4440.44') KB  
 TUBING ANCHOR: 4444.19'  
 NO. OF JOINTS: 9 jts (4731.75')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4733.05' KB  
 NO. OF JOINTS: 1 jts Perf Sub (4737.05')  
 NO. OF JOINTS: 1 jts (4768.73')  
 TOTAL STRING LENGTH: EOT @ 4768.73'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM  
 SUCKER RODS: 44-3/4" plain rods; 136-3/4" guided rods; 8-3/4" plain rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: "  
 PUMP SPEED, SPM: SPM  
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

6/20/64 4724', 4735'

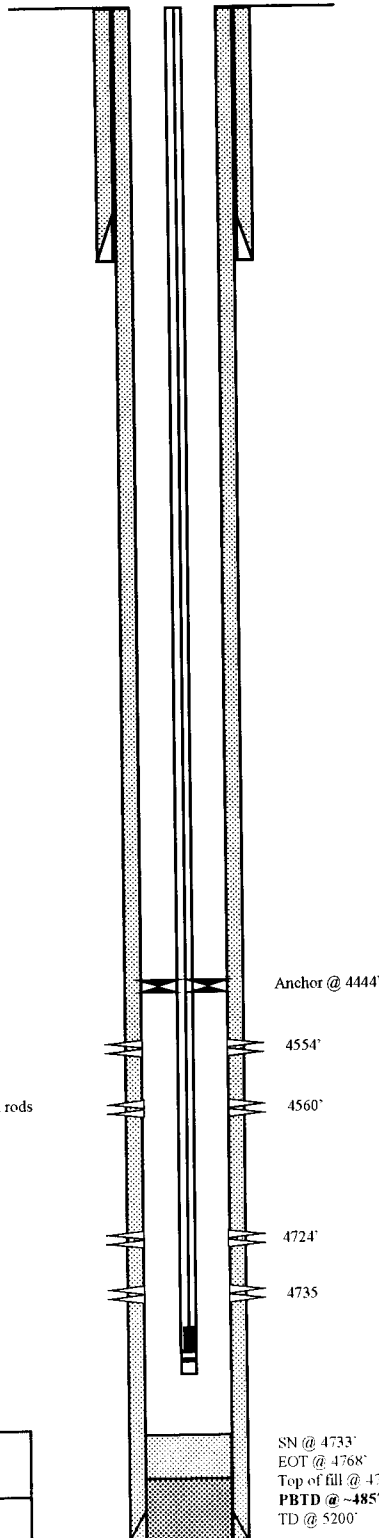
Frac sand as follows:

11,500# 20/40 sand in 300 bbls crude oil, + 4000# 8/12 beads in 8000 gal. crude oil. Treated @ avg press of 4350 psi w/avg rate of 25 BPM.

6/23/64 4554', 4560'

Frac sand as follows:

12,600# 20/40 sand in 326 bbls crude oil, + 4000# 8/12 beads in 8000 gal. crude oil. Treated @ avg press of 4200 psi w/avg rate of 25 BPM.

PERFORATION RECORD

6/16/64	4735'	5 SPF	05 holes
6/16/64	4724'	5 SPF	05 holes
6/23/64	4560'	5 SPF	05 holes
6/23/64	4554'	5 SPF	05 holes

SN @ 4733'  
 EOT @ 4768'  
 Top of fill @ 4793'  
 PBTD @ ~4857'  
 TD @ 5200'



Inland Resources Inc.

Walton Federal #2-14-9-16

542' FNL &amp; 1869' FEL

NWNE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-15793, Lease #U-096550

## Monument Fed. #21-14J-9-16

Spud Date: 2/09/94  
 Put on Production: 4/20/94  
 Put on Injection: 10/29/94  
 GL: 5592' KB: 5602'

Initial Production: 45 BOPD,  
 0 MCFD, 0 BWPD

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 5 jts. (248.40')  
 DEPTH LANDED: 256'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5732.57')  
 DEPTH LANDED: 5732.57'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 160 sxs Thrifty-lite & 270 sxs 50/50 POZ.  
 CEMENT TOP AT: 2100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 144 jts (4504.90')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4506.00' KB  
 2 7/8" x 2 3/8" CROSS-OVER: 4506.75' KB  
 PACKER: 4512.95' KB  
 TOTAL STRING LENGTH: EOT @ 4512.95'

FRAC JOB

4/06/94 5057'-5068'

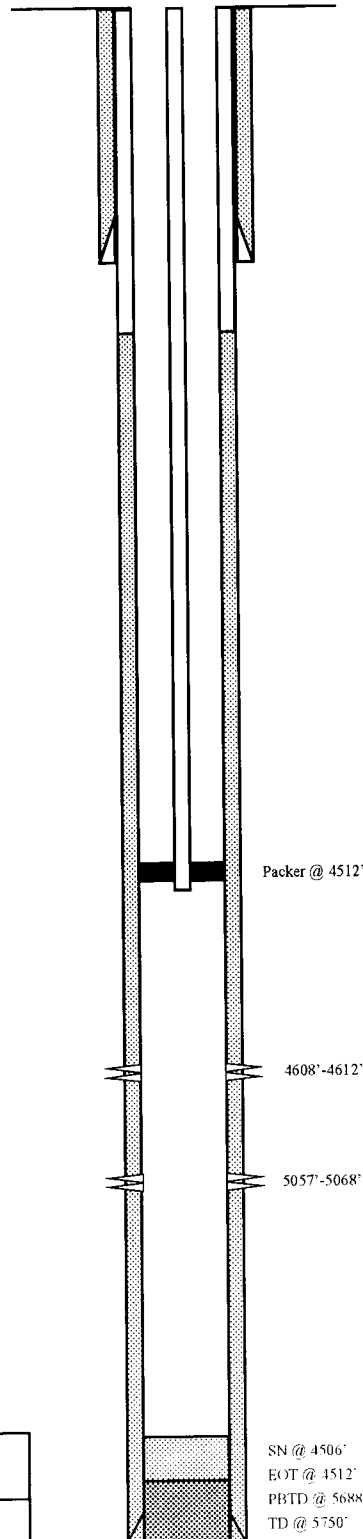
**Frac sand as follows:**

16,000# 20/40 sand + 15,000# 16/30 sand in  
 433 bbls Viking I-35 fluid. Treated @ avg  
 press of 3200 psi w/avg rate of 24 BPM. ISIP  
 2000 psi. Calc. flush: 3387 gal, Actual flush:  
 3444 gal.

4/11/94 4608'-4612'

**Frac sand as follows:**

12,000# 16/30 sand in 209 bbls Viking I-35  
 fluid. Treated @ avg press of 3900 psi w/avg  
 rate of 25.1 BPM. ISIP 1950 psi. Calc. flush:  
 3084 gal, Actual flush: 3052 gal.

PERFORATION RECORD

4/05/94	5057'-5068'	4 JSPF	44 holes
4/08/94	4608'-4612'	4 JSPF	16 holes



Inland Resources Inc.

Monument Fed. #21-14J-9-16

518' FNL & 1850' FWL

NENW Section 14-T9S-R16E

Duchesne Co. Utah

API #43-013-31421; Lease #15-096547

SN @ 4506'  
 EOT @ 4512'  
 PBTD @ 5688'  
 TD @ 5750'

## JONAH 5-14-9-16

Spud Date: 6/11/03

Put on Production: 3/10/04

GL: 5608' KB: 5620'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (301.85')

DEPTH LANDED: 311.85' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts. (5843.4')

DEPTH LANDED: 5843.4' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sxs Prem. Lite II mixed &amp; 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 404'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 2 jts (64.63')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5673.88' KB

NO. OF JOINTS: 1 jts (32.32')

TUBING ANCHOR: 5638.76' KB

NO. OF JOINTS: 174 jts (5626.26')

TOTAL STRING LENGTH: EOT @ 5740'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'

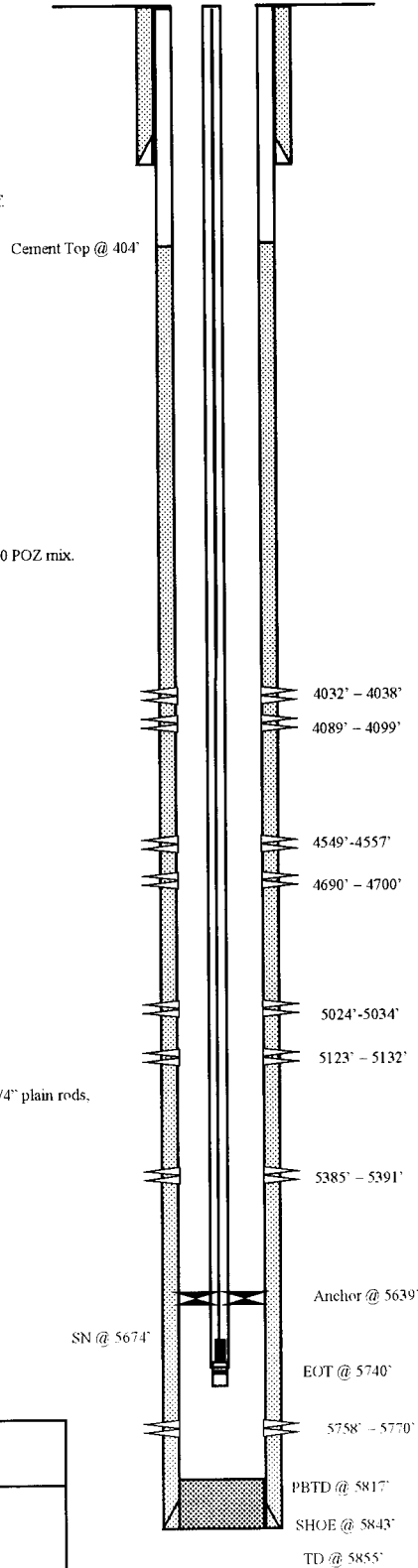
SUCKER RODS: 6-1 1/2" weight rods, 30-3/4" guided rods; 91-3/4" plain rods, 100-3/4" guided rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC pump

STROKE LENGTH: 64"

PUMP SPEED, SPM: 4.5 SPM

## Wellbore Diagram

FRAC JOB

3/3/04 5758'-5770'

**Frac CP5 sands as follows:**

35,816# 20/40 sand in 359 bbls lightning Frac 17 fluid. Treated @ avg press of 1890 psi w/avg rate of 24.8 BPM. ISIP 2165 psi. Calc flush: 5756 gal. Actual flush: 5754 gal.

3/3/04 5385'-5391'

**Frac CP .5 sands as follows:**

19,441# 20/40 sand in 251 bbls lightning Frac 17 fluid. Treated @ avg press of 2425 psi w/avg rate of 24.7 BPM. ISIP 1865 psi. Calc flush: 5383 gal. Actual flush: 5376 gal.

3/3/04 5123'-5132'

**Frac LODC sands as follows:**

39,816# 20/40 sand in 371 bbls lightning Frac 17 fluid. Treated @ avg press of 2742 psi w/avg rate of 24.7 BPM. ISIP 3220 psi. Calc flush: 5121 gal. Actual flush: 5124 gal.

3/3/04 5024'-5034'

**Frac A3 sands as follows:**

39,550# 20/40 sand in 367 bbls lightning Frac 17 fluid. Treated @ avg press of 1996 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 5022 gal. Actual flush: 5040 gal.

3/3/04 4690'-4700'

**Frac C sands as follows:**

49,590# 20/40 sand in 409 bbls lightning Frac 17 fluid. Treated @ avg press of 1771 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4688 gal. Actual flush: 4704 gal.

3/4/04 4549'-4557'

**Frac D1 sands as follows:**

24,970# 20/40 sand in 267 bbls lightning Frac 17 fluid. Treated @ avg press of 2180 psi w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc flush: 4547 gal. Actual flush: 4536 gal.

3/4/04 4032'-4099'

**Frac GB4 and 6 sands as follows:**

52,120# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1950 psi w/avg rate of 24.7 BPM. ISIP 1890 psi. Calc flush: 4030 gal. Actual flush: 3948 gal.

10/18/05

Tbg. Leak. Update tubing and rod Details.

PERFORATION RECORD

3/02/04	5758'-5770'	4 JSPF	48 holes
3/03/04	5385'-5391'	4 JSPF	24 holes
3/03/04	5123'-5132'	4 JSPF	36 holes
3/03/04	5024'-5034'	4 JSPF	40 holes
3/03/04	4690'-4700'	4 JSPF	40 holes
3/03/04	4549'-4557'	4 JSPF	32 holes
3/04/04	4089'-4099'	4 JSPF	40 holes
3/04/04	4032'-4038'	4 JSPF	24 holes

**NEWFIELD**

**Jonah 5-14-9-16**  
 2028' FNL & 659' FWL  
 SW/NW Section 14-T9S-R16E  
 Duchesne Co. Utah  
 API #43-013-32336; Lease #UTU-096547

## Jonah 6-14-9-16

Spud Date: 6/10/03  
Put on Production: 3/19/04

GL: 5593' KB: 5605'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (300.71')  
DEPTH LANDED: 310.71' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts (5854.02')  
DEPTH LANDED: 5852.52' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 310'

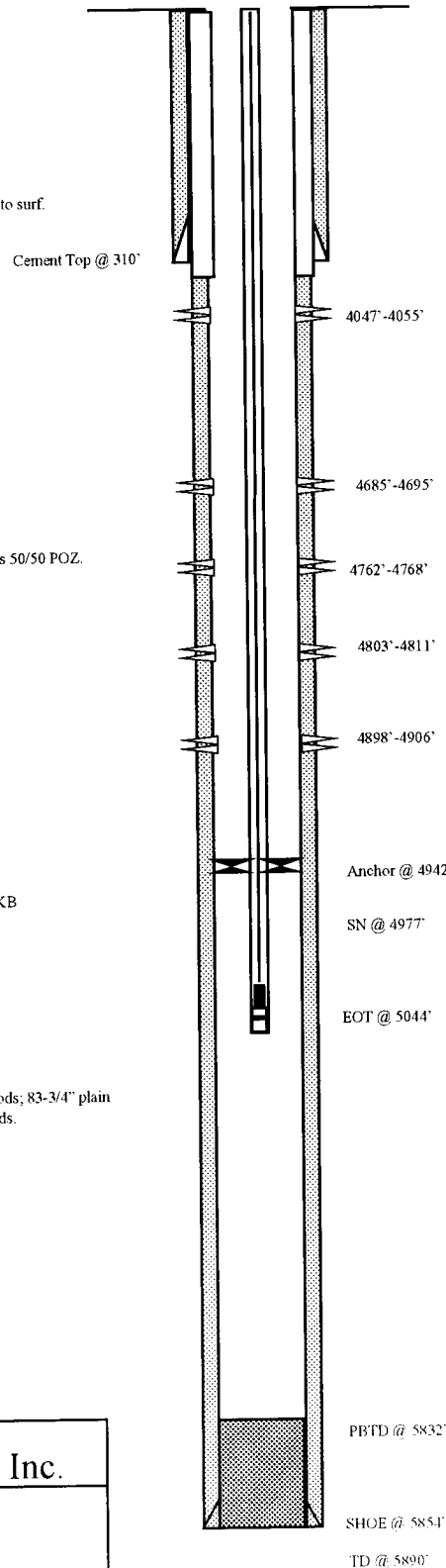
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 150 jts (4929.09')  
TUBING ANCHOR: 4941.59' KB  
NO. OF JOINTS: 1 jts (33.02')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4977.41' KB  
NO. OF JOINTS: 2 jts (65.08')  
TOTAL STRING LENGTH: EOT @ 5044.04' w/12.5 KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 83-3/4" plain rods, 99-3/4" scraped rods, 1-8", 1-6", 1-2" x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/ SM Plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM  
LOGS: DIGL/SP/GR/CAL

## Wellbore Diagram



Initial Production: 147 BOPD,  
140 MCFD, 9 BWPD

FRAC JOB

3/11/04 4986'-5018' **Frac A3 sands as follows:**  
105,000# 20/40 sand in 855 bbls Lightning 17 fluid. Treated @ avg press of 2160 psi w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4984 gal. Actual flush: 4977 gal.

3/13/04 4898'-4906' **Frac A.5 sands as follows:**  
20,600# 20/40 sand in 249 bbls Lightning 17 fluid. Treated @ avg press of 2825 psi w/avg rate of 24.7 BPM. ISIP 2360 psi. Calc flush: 4896 gal. Actual flush: 4893 gal.

3/13/04 4762'-4811' **Frac B2 and B.5 sands as follows:**  
58,600# 20/40 sand in 464 bbls Lightning 17 fluid. Treated @ avg press of 2080 psi w/avg rate of 24.7 BPM. ISIP 1975 psi. Calc flush: 4760 gal. Actual flush: 4759 gal.

3/16/04 4685'-4695' **Frac C sands as follows:**  
53,600# 20/40 sand in 449 bbls Lightning 17 fluid. Treated @ avg press of 2810 psi w/avg rate of 24.4 BPM. ISIP 2230 psi. Calc flush: 4683 gal. Actual flush: 4683 gal.

3/16/04 4047'-4055' **Frac GB6 sands as follows:**  
27,989# 20/40 sand in 268 bbls Lightning 17 fluid. Treated @ avg press of 1685psi w/avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4045 gal. Actual flush: 3960 gal.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
3/09/04	4986'-5018'	2 JSPF	64 holes
3/13/04	4898'-4906'	4 JSPF	32 holes
3/13/04	4803'-4811'	4 JSPF	32 holes
3/13/04	4762'-4768'	4 JSPF	24 holes
3/13/04	4685'-4695'	4 JSPF	40 holes
3/16/04	4047'-4055'	4 JSPF	32 holes



Inland Resources Inc.

Jonah 6-14-9-16

1882' FNL & 1923 FWL

SE/NW Section 14-T9S-R16E

Duchesne Co. Utah

API #43-013-32337; Lease #U-096547



## Jonah Unit #8-14

Spud Date: 5/22/98

Pu

t on Production: 6/22/98

GL: 5607' KB: 5617'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (290')

DEPTH LANDED: 291'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5677')

DEPTH LANDED: 5688' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Poz Type III mixed &amp; 310 sxs Class G

CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 161 jts

TUBING ANCHOR: 5020'

SEATING NIPPLE: 5-1/2" (1.10')

TOTAL STRING LENGTH: EOT @ 5152'

SN LANDED AT: 5086'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scraped, 97 - 3/4" plain rods, 97 - 3/4" scraped rods, 1 - 3/4" plain rod, 1 - 3/4"x8' pony rod.

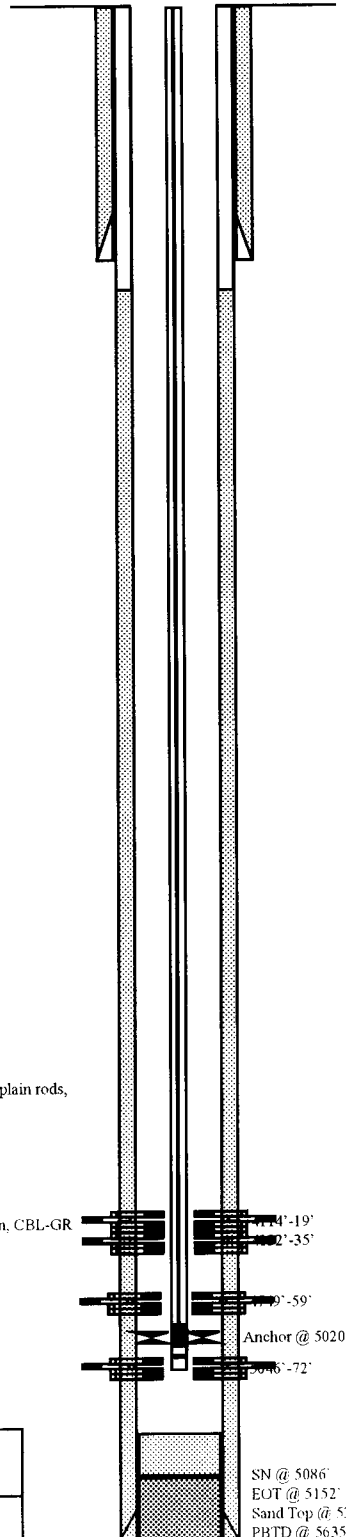
PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump

STROKE LENGTH: 74"

PUMP SPEED, SPM: 6 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram

Initial Production: 159 BOPD,  
133 MCFPD, 34 BWPDFRAC JOB

6/13/98 5046'-5072'

Frac A-3 sand as follows:

114,000# 20/40 sand in 565 bbls Viking 1-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64 choke for 3 hours and died.

6/16/98 4749'-4759'

Frac C sand as follows:

113,994# of 20/40 sand in 546 bbls Viking 1-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135'

Frac GB sand as follows:

96,580# 20/40 sand in 475 bbls Viking 1-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

PERFORATION RECORD

6/13/98	5046'-5072'	2 JSFP	52 holes
6/15/98	4749'-4759'	4 JSFP	40 holes
6/17/98	4114'-4119'	4 JSFP	20 holes
6/17/98	4132'-4135'	4 JSFP	12 holes



Inland Resources Inc.

Jonah Unit #8-14

1882 FNL 773 FEL

SENE Section 14-T9S-R16E

Duchesne Co. Utah

API #43-013-32054, Lease #U-096550

## Jonah Federal 9-14-9-16

Spud Date: 05/13/05  
 Put on Production: 06/15/05  
 GL: 5571' KB: 5583'

Initial Production: 46 BOPD,  
 111 MCFPD, 45 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.57')  
 DEPTH LANDED: 314.57'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5772.05')  
 DEPTH LANDED: 5770.05' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix  
 CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55  
 NO. OF JOINTS: 169 jts. (5498.71')  
 TUBING ANCHOR: 5510.71' KB  
 NO. OF JOINTS: 1 jt. (32.55')  
 SN LANDED AT: 1.10' (5546.06')  
 NO. OF JOINTS: 2 jts. (65.66')  
 TOTAL STRING LENGTH: 5612.77' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-8", 1-2" X 3/4" pony rods, 100-3/4" scraped rods, 105-3/4"  
 plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC w/sm plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: CBL

FRAC JOB

06/07/05 5414'-5540' **Frac CP4 and CP2 sand as follows:**  
 40,739#'s of 20/40 sand in 416 bbls  
 lightning 17 frac fluid. Treated w/avg press  
 of 1595 psi, w/avg rate of 24.9 bpm. ISIP  
 1780 psi. Calc flush: 5412 gal. Actual flush:  
 5166 gal.


06/07/05 4954'-4973' **Frac A3 sand as follows:**  
 70,185#'s of 20/40 sand in 538 bbls lightning  
 17 frac fluid. Treated w/avg press of 1763 psi.  
 ISIP 2170 psi. Calc flush: 4952 gal. Actual  
 flush: 4704 gal.

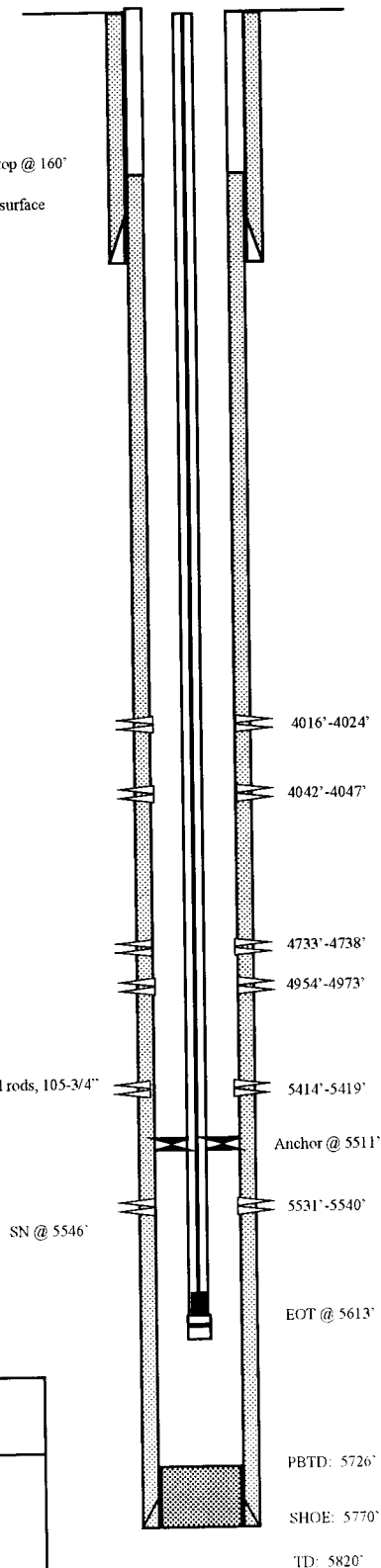
06/08/05 4733'-4738' **Frac B1 sand as follows:**  
 20,210#'s of 20/40 sand in 253 bbls lightning  
 17 frac fluid. Treated w/avg press of 2085 psi,  
 w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc  
 flush: 4731 gal. Actual flush: 4494 gal.

06/08/05 4016'-4047' **Frac GB6 sand as follows:**  
 38,754#'s of 20/40 sand in 347 bbls lightning  
 17 frac fluid. Treated w/avg press of 1704 psi  
 w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc  
 flush: 4014 gal. Actual flush: 3948 gal.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

<b>NEWFIELD</b> 
<b>Jonah Federal 9-14-9-16</b> 1785' FSL & 508' FEL NE/SE Section 14-T9S-R16E Duchesne Co. Utah API 43-013-32661, Lease UTT096550



## Jonah Federal 10-14-9-16

Spud Date: 5-18-05  
Put on Production: 6-23-05

GL: 5607' KB: 5619'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (303')  
DEPTH LANDED: 314.85' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

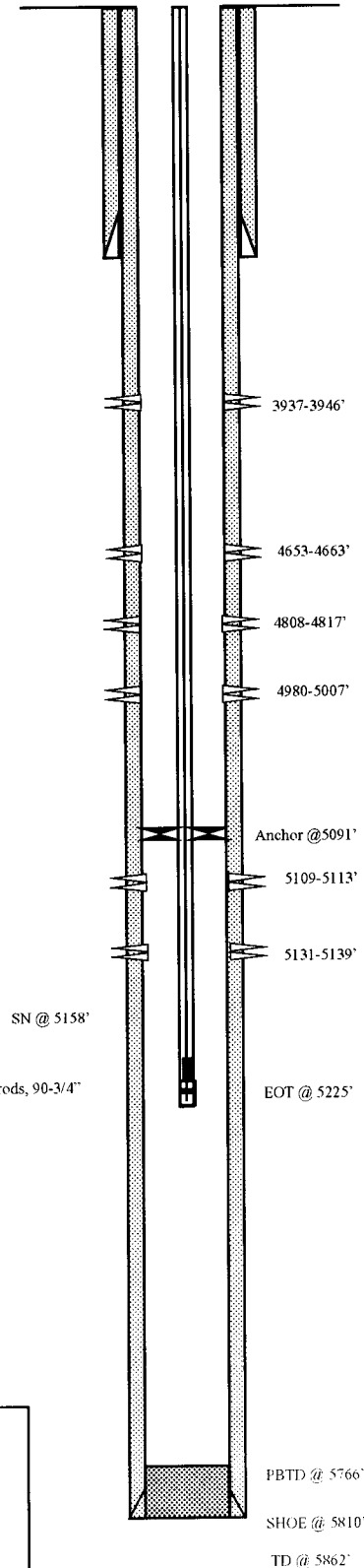
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5796.74')  
DEPTH LANDED: 5809.99' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 90'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 156 jts (5079.07')  
TUBING ANCHOR: 5091.07' KB  
NO. OF JOINTS: 2 jts (64.14')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5158.01' KB  
NO. OF JOINTS: 2 jts (65.04')  
TOTAL STRING LENGTH: EOT @ 5224.60' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-8", 1-6" & 1-2" 3/4" ponies, 99- 3/4" scraped rods, 90-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/ SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED: 5 SPM

**Wellbore Diagram**

Initial Production: 55 BOPD,  
22 MCFD, 232 BWPD

**FRAC JOB**

6-15-05 5109-5139' **Frac LODC sand as follows:**  
40770#'s 20/40 sand in 380 bbls Lightning  
17 frac fluid. Treated @ avg press of 3040 psi  
w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc  
flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007' **Frac A3 sand as follows:**  
110,559#'s 20/40 sand in 774 bbls Lightning  
17 frac fluid. Treated @ avg press of 1950 psi  
w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc  
flush: 4978 gal. Actual flush: 4746 gal.

6-16-05 4808-4817' **Frac B2, sand as follows:**  
40877#'s 20/40 sand in 371 bbls Lightning  
17 frac fluid. Treated @ avg press of 2399 psi  
w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc  
flush: 4806 gal. Actual flush: 4536 gal.

6-16-05 3937-3946' **Frac GB2 sand as follows:**  
29376#'s 20/40 sand in 281 bbls Lightning  
17 frac fluid. Treated @ avg press of 1585 psi  
w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc  
flush: 3935 gal. Actual flush: 3864 gal.

**PERFORATION RECORD**

6-10-05	5109-5113'	4 JSPF	16 holes
6-10-05	5131-5139'	4 JSPF	32 holes
6-13-05	4808-4817'	4 JSPF	36 holes
6-13-05	4980-5007'	4 JSPF	108 holes
6-16-05	3937-3946'	4 JSPF	36 holes
6-16-05	4653-4663'	4 JSPF	40 holes

**NEWFIELD**

**Jonah Federal 10-14-9-16**  
1730' FSL & 1820' FEL  
NW/SE Section 14-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32662; Lease #UTU-96547

## Jonah Federal 11-14-9-16

Spud Date: 5-25-05

Put on Production:

GL: 5621' KB: 5633'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.32')

DEPTH LANDED: 314.17' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5820.62')

DEPTH LANDED: 5833.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 400 sxs 50/50 POZ.

CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 182 jts (')

TUBING ANCHOR: 5697' KB

NO. OF JOINTS: 2 jts (')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: KB

TOTAL STRING LENGTH: EOT @ 5795' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" scraped rods; 112-3/4" plain rods; 99-3/4" scraped rods; 1-3/4" slick rod, 1-8", 6', 4'x3/4" pony subs, 1 1/2" x 22" polished rods.

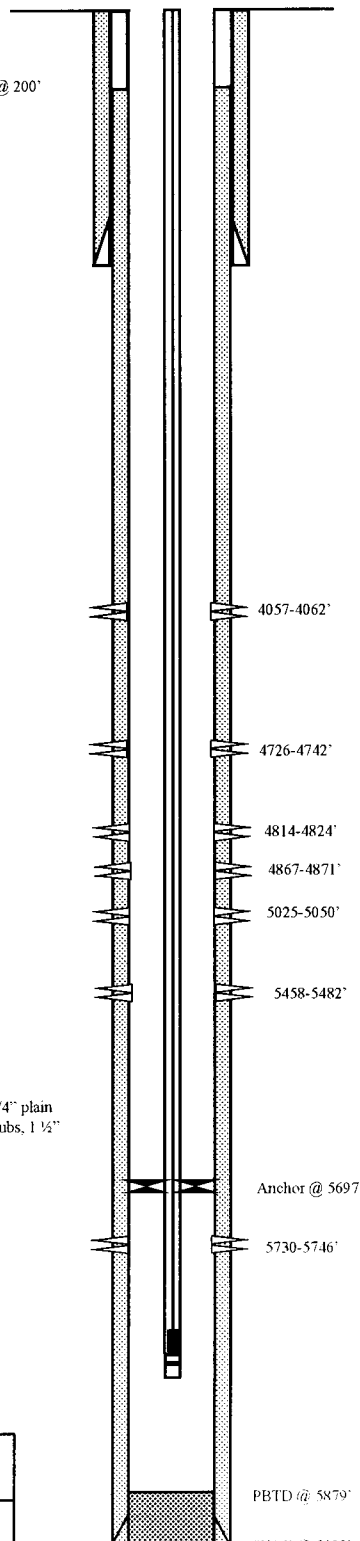
PUMP SIZE: 2-1/2" x 1-1/2" x 10"x14" RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

## Wellbore Diagram

Cement top @ 200'

FRAC JOB

6-27-05	5730-5746'	<b>Frac CP5 sands as follows:</b> 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 2.5 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.
6-27-05	5458-5482'	<b>Frac CP1 sands as follows:</b> 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.
6-27-05	5025-5050'	<b>Frac A1/A3 sands as follows:</b> 108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.
6-27-05	4814-4871'	<b>Frac B2 &amp; B1 sands as follows:</b> 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.
6-27-05	4726-4742'	<b>Frac C sands as follows:</b> 68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.
6-27-05	4057-4062'	<b>Frac GB4 sands as follows:</b> 12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.

PERFORATION RECORD

6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes

**NEWFIELD****Jonah Federal 11-14-9-16**

2030' FSL &amp; 2160' FWL

NE/SW Section 14-T9S-R16E

Duchesne Co. Utah

APL #43-013-32681; Lease #UTU-096547

## Jonah Federal 15-14-9-16

Spud Date: 5-4-05  
Put on Production: 6-10-05

GL: 5631' KB: 5643'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302-46')  
DEPTH LANDED: 314.31' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5888.88')  
DEPTH LANDED: 5902.13' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 410'

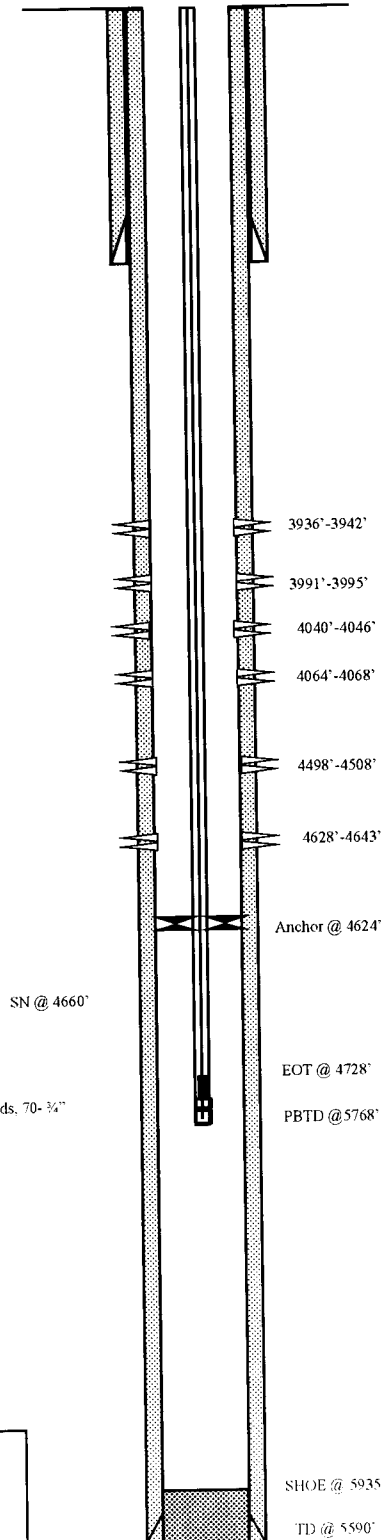
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 138 jts (4611.46')  
TUBING ANCHOR: 4623.46' KB  
NO. OF JOINTS: 1 jts (33.31')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4659.57' KB  
NO. OF JOINTS: 2 jts (66.86')  
TOTAL STRING LENGTH: EOT @ 4727.98' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4', 4', 6', 8', x 3/4" pony rods, 99- 3/4" guided rods, 70- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" K-bars.  
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

## Wellbore Diagram

FRAC JOB

6-1-05' 4628-4643' **Frac C sand as follows:**  
57,701#s 20/40 sand in 427 bbls Lightning  
17 frac fluid. Treated @ avg press of 2180 psi  
w/avg rate of 24.5 BPM. ISIP 3700 psi.  
Screened out short of flush.

6-2-05' 4498-4508' **Frac D1 sand as follows:**  
69,795#s 20/40 sand in 533 bbls Lightning  
17 frac fluid. Treated @ avg press of 1589 psi  
w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc  
flush: 4496 gal. Actual flush: 4200 gal.

6-2-05' 4040-4068' **Frac GB6 sand as follows:**  
28,155#s 20/40 sand in 275 bbls Lightning  
17 frac fluid. Treated @ avg press of 2233 psi  
w/avg rate of 24.6 BPM. ISIP 3450 psi.  
Screened out short of flush.

6-6-05' 3936-3942' **Frac GB2 & GB4 sand as follows:**  
29,409#s 20/40 sand in 300 bbls Lightning  
17 frac fluid. Treated @ avg press of 1930 psi  
w/avg rate of 24.4 BPM. ISIP 1900 psi. Calc  
flush: 3934 gal. Actual flush: 3881 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
5-25-05	4628-4643'	4 JSPF	60 holes
6-2-05	4498-4508'	4 JSPF	40 holes
6-2-05	4040-4046'	4 JSPF	24 holes
6-2-05	4064-4068'	4 JSPF	16 holes
6-2-05	3991-3995'	4 JSPF	16 holes
6-2-05	3936-3942'	4 JSPF	24 holes

**NEWFIELD**

Ashley Federal 15-14-9-16  
610' FSL & 2096' FEL  
SW/SE Section 14-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32689; Lease #UTU-096547

## Pan American #1FR-9-16

Spud Date: 1/5/06  
 Put on Production: 2/9/06  
 GL: 5529' KB: 5541'

SURFACE CASING

CSG SIZE: 10 3/4" / 32.75#  
 DEPTH LANDED: 309'  
 HOLE SIZE: 15"  
 CEMENT DATA: 230 sxs cement.  
 HOLE SIZE to 6000': 10"

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5479.96')  
 DEPTH LANDED: 5477.96' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 500 sxs 50/50 POZ.  
 CEMENT TOP AT: 1290'

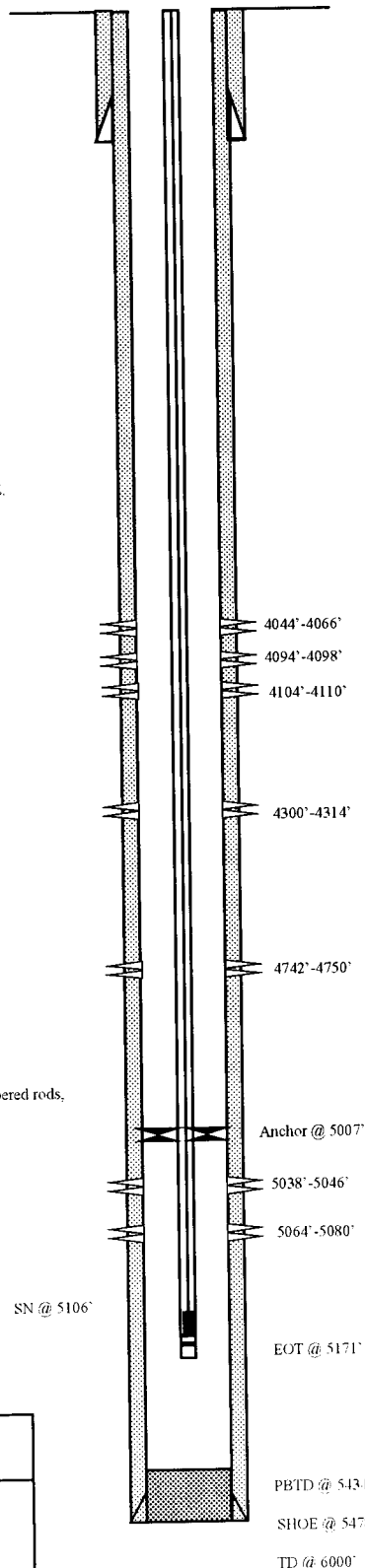
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 157 jts (4995.27')  
 TUBING ANCHOR: 5007.27' KB  
 NO. OF JOINTS: 3 jts (96.02')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5106.09' KB  
 NO. OF JOINTS: 2 jts (62.92')  
 TOTAL STRING LENGTH: EOT @ 5170.56' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1-8", 1-6", 1-4", 1-2" x 3/4" pony rods, 99- 3/4" scraped rods,  
 88- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM


## Wellbore Diagram

FRAC JOB

2/6/06	5038'-5080'	<b>Frac A1&amp;3 sands as follows:</b> 70,448# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5036 gal. Actual flush: 5040 gal.
2/6/06	4742'-4750'	<b>Frac C sands as follows:</b> 34,710# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 1978 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.
2/6/06	4300'-4314'	<b>Frac PB10 sands as follows:</b> 35,142# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 24.8 BPM. ISIP 2060 psi. Calc flush: 4298 gal. Actual flush: 4326 gal.
2/6/06	4044'-4110'	<b>Frac GB6 sands as follows:</b> 67,736# 20/40 sand in 511 bbls Lightning 17 frac fluid. Treated @ avg press of 1805 w/avg rate of 24.9 BPM. ISIP 1820 psi. Calc flush: 4042 gal. Actual flush: 3906 gal.

PERFORATION RECORD

2/1/06	5064'-5080'	4 JSPF	64 holes
2/1/06	5038'-5046'	4 JSPF	32 holes
2/6/06	4742'-4750'	4 JSPF	32 holes
2/6/06	4300'-4314'	4 JSPF	56 holes
2/6/06	4104'-4110'	4 JSPF	24 holes
2/6/06	4094'-4098'	4 JSPF	16 holes
2/6/06	4044'-4066'	4 JSPF	88 holes


<b>Pan American #1FR-9-16</b> 663' FNL & 663' FWL NW/NW Section 13-T9S-R16E Duchesne Co. Utah API #43-013-10822; Lease #UTU-75039

## Federal 5-13-9-16

Spud Date: 09/22/05  
Put on Production: 11/08/05

GL: 5538' KB: 5550'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.7')  
DEPTH LANDED: 312.6' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

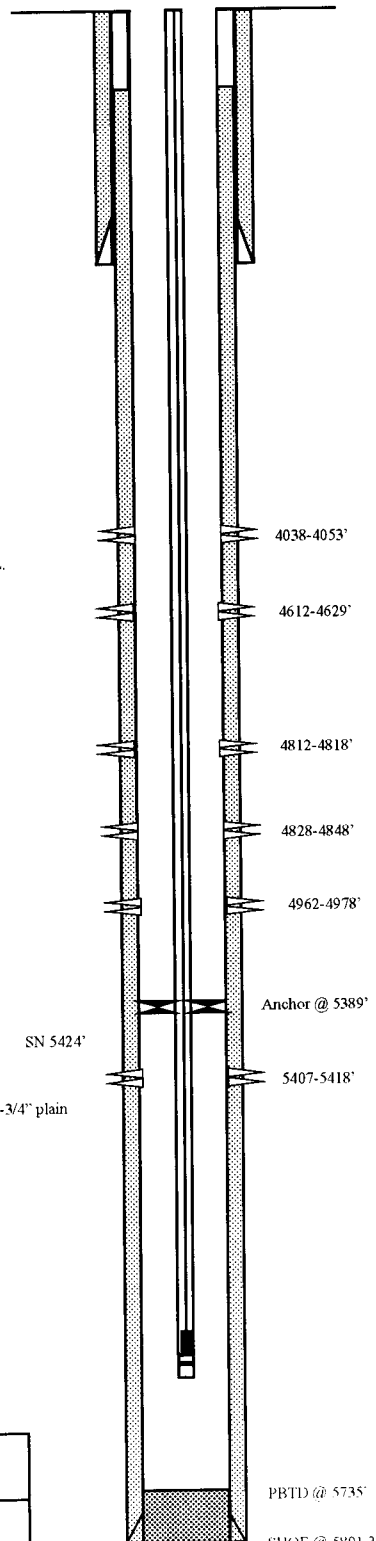
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5802.05')  
DEPTH LANDED: 5801.3' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 165 jts (5377.30')  
TUBING ANCHOR: 5389.30' KB  
NO. OF JOINTS: 1 jts (32.56')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5424.66' KB  
NO. OF JOINTS: 2 jts (65.13')  
TOTAL STRING LENGTH: EOT @ 5491.34' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-4' x 3/4" pony rod, 101-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED: 5 SPM:

**Wellbore Diagram**

Initial Production: BOPD.  
MCFD, BWPD

**FRAC JOB**

11/01/05	5408-5418'	<b>Frac CP1 sands as follows:</b> 34070# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5406 gal. Actual flush: 5124 gal.
11/01/05	4962-4978'	<b>Frac A1 sands as follows:</b> 89150# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1591 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4960 gal. Actual flush: 4746 gal.
11/04/05	4812-4848'	<b>Frac B1, B2 sands as follows:</b> 158872# 20/40 sand in 1078 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4810 gal. Actual flush: 4582 gal.
11/02/05	4612-4629'	<b>Frac D2 sands as follows:</b> 29350# 20/40 sand in 344 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 4610 gal. Actual flush: 4326 gal.
11/02/05	4038-4053'	<b>Frac GB6 sands as follows:</b> 83194# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 1388 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4036 gal. Actual flush: 3944 gal.

**PERFORATION RECORD**

11/01/05	5408-5418'	4 JSPF	40 holes
11/01/05	4962-4978'	4 JSPF	64 holes
11/01/05	4828-4848'	4 JSPF	80 holes
11/01/05	4812-4818'	4 JSPF	24 holes
11/02/05	4612-4629'	4 JSPF	68 holes
11/02/05	4038-4053'	4 JSPF	60 holes

<b>NEWFIELD</b>
<b>Federal 5-13-9-16</b>
1981' FNL & 820' FWL
SW/NW Section 13-T9S-R16E
Duchesne Co, Utah
API #43-013-32658; Lease #UTU-64805



Attachment F  
Page 1 of 6

Analytical Laboratory Report for:

NEWFIELD PRODUCTION COMPANY



Chemical Services

Account Representative:  
Arnold, Joe

## Production Water Analysis

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2  
CHARGE PUMP

Lab Test No: 2006400226 Sample Date: 01/17/2006  
Specific Gravity: 1.001

TDS: 357  
pH: 7.80

Cations:	mg/L	as:
Calcium	80.00	(Ca <sup>++</sup> )
Magnesium	24.00	(Mg <sup>++</sup> )
Sodium	0	(Na <sup>+</sup> )
Iron	1.10	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	122	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	95	(SO <sub>4</sub> <sup>=</sup> )
Chloride	35	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

Page 2 of 6

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2006400226

DownHole SAT™ Scale Prediction  
@ 60 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	1.01	.00108
Aragonite (CaCO <sub>3</sub> )	.876	-.0303
Witherite (BaCO <sub>3</sub> )	0	-4.93
Strontianite (SrCO <sub>3</sub> )	0	-1.54
Magnesite (MgCO <sub>3</sub> )	.202	-.693
Anhydrite (CaSO <sub>4</sub> )	.0236	-.314
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.0481	-228.43
Barite (BaSO <sub>4</sub> )	0	-.0267
Celestite (SrSO <sub>4</sub> )	0	-44.65
Silica (SiO <sub>2</sub> )	0	-32.86
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-1.05
Magnesium silicate	0	-62.42
Siderite (FeCO <sub>3</sub> )	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	0	-33648
Iron sulfide (FeS)	0	-.0114

**Interpretation of DHSat Results:**

The **Saturation Index** is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The **Momentary excess** is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The **Momentary Excess** represents the amount of scale possible while the **Saturation Level** represents the probability that scale will form.

Page 3 of 6

Analytical Laboratory Report for:

NEWFIELD PRODUCTION COMPANY



Chemical Services

Account Representative:  
Arnold, Joe

## Production Water Analysis

Listed below please find water analysis report from: Run B, JONAH 7-14-9-16 TREATER

Lab Test No: 2006400433

Sample Date:

02/07/2006

Specific Gravity: 1.013

TDS: 18249

pH: 9.70

Cations:	mg/L	as:
Calcium	20.00	(Ca <sup>++</sup> )
Magnesium	42.00	(Mg <sup>++</sup> )
Sodium	6601	(Na <sup>+</sup> )
Iron	1.50	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	2684	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	400	(SO <sub>4</sub> <sup>=</sup> )
Chloride	8500	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	22	(H <sub>2</sub> S)

page 4 of 6

**NEWFIELD PRODUCTION COMPANY** Lab Test No: 2006400433

**DownHole SAT™ Scale Prediction  
@ 130 deg. F**



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	27.23	9.4
Aragonite (CaCO <sub>3</sub> )	22.64	9.32
Witherite (BaCO <sub>3</sub> )	0	-.732
Strontianite (SrCO <sub>3</sub> )	0	-.179
Magnesite (MgCO <sub>3</sub> )	68.47	25.66
Anhydrite (CaSO <sub>4</sub> )	.00495	-584.68
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.00431	-716.83
Barite (BaSO <sub>4</sub> )	0	-.169
Celestite (SrSO <sub>4</sub> )	0	-85.77
Silica (SiO <sub>2</sub> )	0	-80.29
Brucite (Mg(OH) <sub>2</sub> )	5.38	3.02
Magnesium silicate	0	-126.66
Siderite (FeCO <sub>3</sub> )	250.29	.0313
Halite (NaCl)	< 0.001	-189664
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	< 0.001	-55427
Iron sulfide (FeS)	709.77	.00661

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)  
MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) Jonah 7-14-9-16

Report Date: 02-15-2006

## CATIONS

Calcium (as Ca)	125.00
Magnesium (as Mg)	136.00
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	3489
Iron (as Fe)	1.30
Manganese (as Mn)	0.00

## ANIONS

Chloride (as Cl)	4479
Sulfate (as SO4)	247.50
Dissolved CO2 (as CO2)	3.65
Bicarbonate (as HCO3)	91.46
Carbonate (as CO3)	1313
H2S (as H2S)	11.00

## PARAMETERS

pH	10.26
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	9942
Molar Conductivity	12256

BJ Chemical Services  
Roosevelt, Utah

DownHole SAT(tm)  
MIXED WATER DEPOSITION POTENTIAL INDICATORS

page 6 of 6

1) Johnson Water

2) Jonah 7-14-9-16

Report Date: 02-15-2006

SATURATION LEVEL		MOMENTARY EXCESS (lbs/1000 Barrels)	
Calcite (CaCO3)	238.02	Calcite (CaCO3)	48.88
Aragonite (CaCO3)	197.87	Aragonite (CaCO3)	48.82
Witherite (BaCO3)	0.00	Witherite (BaCO3)	-0.405
Strontianite (SrCO3)	0.00	Strontianite (SrCO3)	-0.0992
Magnesite (MgCO3)	274.88	Magnesite (MgCO3)	62.48
Anhydrite (CaSO4)	0.0224	Anhydrite (CaSO4)	-464.76
Gypsum (CaSO4*2H2O)	0.0196	Gypsum (CaSO4*2H2O)	-566.46
Barite (BaSO4)	0.00	Barite (BaSO4)	-0.179
Magnesium silicate	0.00	Magnesium silicate	-117.82
Iron hydroxide (Fe(OH)3)	0.00100	Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	43.34	Iron sulfide (FeS)	< 0.001
SIMPLE INDICES		BOUND IONS	TOTAL FREE
Langelier	4.18	Calcium	125.00 56.52
Stiff Davis Index	4.29	Barium	0.00 0.00
		Carbonate	1313 259.30
		Phosphate	0.00 0.00
		Sulfate	247.50 204.13

## OPERATING CONDITIONS

Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services  
Roosevelt, Utah

**Attachment "G"**

**Jonah #7-14-9-16**

**Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4996	5024	5010	2520	0.94	2509
4828	4844	4836	2110	0.87	2100
4692	4711	4702	2100	0.88	2090
4627	4655	4641	2070	0.88	2060
4036	4092	4064	1750	0.87	1741
				Minimum	<u>1741</u>

←

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$

where pressure gradient for the fresh water is .433 psi/ft and  
specific gravity of the injected water is 1.005.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.





Attachment G-1  
page 1 of 5

### DAILY COMPLETION REPORT

**WELL NAME:** Jonah 7-14-9-16 **Report Date:** March 20, 2004 **Completion Day:** 02a  
**Present Operation:** Completion **Rig:** Rigless

#### WELL STATUS

**Surf Csg:** 8 5/8 **@** 300' **Prod Csg:** 5 1/2 **Wt:** 15.5# **@** 5875' **Csg PBTD:** 5834'WL  
**Tbg:** Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

#### PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>A3 sds</u>	<u>4996-5024'</u>	<u>4/112</u>			

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** March 19, 2004 **SITP:**  **SICP:** 0

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, A3 sds w/ 100,024#'s of 20/40 sand in 713 bbls Lightning 17 frac fluid. Open well with 0 psi on casing. Perfs broke down @ 2561 psi, back to 1020 psi. Treated @ ave pressure of 2152, w/ ave rate of 24.6 bpm, w/ 8 ppg of sand. ISIP was 2520. 852 bbls EWTR. Leave pressure on well.

See day2(b).

**Starting fluid load to be recovered:** 139 **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 713 **Oil lost/recovered today:**   
**Ending fluid to be recovered:** 852 **Cum oil recovered:** 0  
**IFL:**  **FFL:**  **FTP:**  **Choke:**  **Final Fluid Rate:**  **Final oil cut:**

#### STIMULATION DETAIL

**Base Fluid used:** Lightning 17 **Job Type:** Sand Frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** A3 sands down casing

7518 gals of pad

5000 gals w/ 1-5 ppg of 20/40 sand

10,000 gals w/ 5-8 ppg of 20/40 sand

2430 gals w/ 8 ppg of 20/40 sand

Flush w/ 4998 gals slick water

**\*\*Flush called @ blender--includes 2 bbls for pump/line volume\*\***

**Max TP:** 2383 **Max Rate:** 24.9 **Total fluid pmpd:** 713 bbls

**Avg TP:** 2152 **Avg Rate:** 24.6 **Total Prop pmpd:** 100,024#'s

**ISIP:** 2520 **5 min:**  **10 min:**  **FG:** .94

**Completion Supervisor:** Ron Shuck

#### COSTS

<u>Weatherford BOP</u>	<u>\$30</u>
<u>Weatherford Services</u>	<u>\$550</u>
<u>Betts frac wtr</u>	<u>\$1,160</u>
<u>Zubiate Hot Oil</u>	<u>\$250</u>
<u>R&amp;R propane</u>	<u>\$250</u>
<u>IPC fuel gas</u>	<u>\$480</u>
<u>BJ Services A3</u>	<u>\$24,740</u>
<u>IPC Supervisor</u>	<u>\$60</u>

**DAILY COST:** \$27,520

**TOTAL WELL COST:** \$246,762



## DAILY COMPLETION REPORT

WELL NAME: Jonah 7-14-9-16 Report Date: March 20, 2004 Completion Day: 02b  
Present Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 300' Prod Csg: 5 1/2 Wt: 15.5# @ 5875' Csg PBTD: 5834'WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4880'  
KB @ 12.5'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B2 sds	4828-4844'	4/64
			A3 sds	4996-5024'	4/112

## CHRONOLOGICAL OPERATIONS

Date Work Performed: March 19, 2004 SITP:  SICP: 2230

Day2(b).

RU Schlumberger WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 16' perf gun. Perforate stage #2, B2 sds @ 4828-4844" w/ 4" HEGS (22 gram, .45" HE) perf guns, w/ 4 spf for total of 64 shots in 1 run. RU BJ & frac B2 sds w/ 69,957#'s of 20/40 sand in 536 bbls Lightning 17 frac fluid. Open well with 2230 psi on casing. Perfs broke down @ 3372 psi, back to 1800 psi. Treated @ ave pressure of 1857, w/ ave rate of 24.7 bpm, w/ 8 ppg of sand. ISIP was 2110. 1388 bbls EWTR. Leave pressure on well.

See day2(c).

Starting fluid load to be recovered: 852 Starting oil rec to date: 0  
Fluid lost/recovered today: 536 Oil lost/recovered today:   
Ending fluid to be recovered: 1388 Cum oil recovered: 0  
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand Frac

Company: BJ Services

Procedure or Equipment detail: B2 sands down casing

5418 gals of pad

3625 gals w/ 1-5 ppg of 20/40 sand

7250 gals w/ 5-8 ppg of 20/40 sand

1389 gals w/ 8 ppg of 20/40 sand

Flush w/ 4830 gals slick water

**\*\*Flush called @ blender--includes 2 bbls for pump/line volume\*\***

Max TP: 2170 Max Rate: 24.9 Total fluid pmpd: 536 bbls

Avg TP: 1857 Avg Rate: 24.7 Total Prop pmpd: 69,957#'s

ISIP: 2110 5 min:  10 min:  FG: .87

Completion Supervisor: Ron Shuck

## COSTS

Weatherford BOP	\$30
Weatherford Services	\$2,200
Betts frac wtr	\$830
Zubiate Hot Oil	\$180
R&R propane	\$180
IPC fuel gas	\$340
BJ Services B2	\$10,910
Schlumberger B2 sds	\$3,000
IPC Supervisor	\$60

DAILY COST: \$17,730

TOTAL WELL COST: \$264,492



Page 3 of 5

## DAILY COMPLETION REPORT

WELL NAME: Jonah 7-14-9-16Report Date: March 20, 2004Completion Day: 02cPresent Operation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 300' Prod Csg: 5 1/2 Wt: 15.5# @ 5875' Csg PBTD: 5834'WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4750'  
KB @ 12.5' Plugs 4880'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B2 sds	<u>4828-4844'</u>	<u>4/64</u>
			A3 sds	<u>4996-5024'</u>	<u>4/112</u>
C sds	<u>4692-4711'</u>	<u>4/76</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: March 19, 2004SITP:            SICP: 2230

Day2(c).

RU Schlumberger WLT. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 19' perf gun. Perforate stage #3, C sds @ 4692-4711' w/ 4" HEGS perf guns, w/ 4 spf for total of 76 shots in 1 run. RU BJ & frac C sds w/ 50,348#'s of 20/40 sand in 417 bbls Lightning 17 frac fluid. Open well with 1120 psi on casing. Perfs won't break down @ 4200 psi. RU dump bailer & spot 10 gals HCL 15% acid on perfs. On second acid run tag sand @ 4682'(10' over perfs). RIH w/ 6'x3' perf guns & tag sand @ 4742'(31' of rat hole). RU BJ perfs won't break down @ 4200 psi. Spot 10 gals 15% on perfs. Perfs broke down @ 1800 psi, back to 1400 psi, pressure begin to climb. Treated @ ave pressure of 1987, w/ ave rate of 31.1 bpm, w/ 8 ppg of sand. ISIP was 2100. 1805 bbls EWTR. Leave pressure on well. See day2(d).

Starting fluid load to be recovered: 1388 Starting oil rec to date: 0  
Fluid lost/recovered today: 417 Oil lost/recovered today:             
Ending fluid to be recovered: 1805 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand FracCompany: BJ ServicesProcedure or Equipment detail: C sands down casing3822 gals of pad2625 gals w/ 1-5 ppg of 20/40 sand5250 gals w/ 5-8 ppg of 20/40 sand1088 gals w/ 8 ppg of 20/40 sandFlush w/ 4704 gals slick water\*\*Flush called @ blender--includes 2 bbls for pump/line volume\*\*Max TP: 2201 Max Rate: 31.4 Total fluid pmpd: 417 bblsAvg TP: 1987 Avg Rate: 31.1 Total Prop pmpd: 50,348#'sISIP: 2100 5 min:            10 min:            FG: .88Completion Supervisor: Ron Shuck

## COSTS

Weatherford BOP \$30Weatherford Services \$2,200Betts frac wtr \$560Zubiate Hot Oil \$120R&R propane \$120IPC fuel gas \$230BJ Services C sds \$13,960Schlumberger C sds \$4,000IPC Supervisor \$60DAILY COST: \$21,280TOTAL WELL COST: \$285,772



## DAILY COMPLETION REPORT

WELL NAME: Jonah 7-14-9-16 Report Date: March 20, 2004 Completion Day: 02d  
Present Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 300' Prod Csg: 5 1/2 Wt: 15.5# @ 5875' Csg PBTD: 5834'WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4670'  
KB @ 12.5' Plugs 4880' 4750'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B2 sds	<u>4828-4844'</u>	<u>4/64</u>
			A3 sds	<u>4996-5024'</u>	<u>4/112</u>
D3 sds	<u>4627-4630'</u>	<u>4/12</u>			
D3 sds	<u>4649-4655'</u>	<u>4/24</u>			
C sds	<u>4692-4711'</u>	<u>4/76</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: March 19, 2004 SITP:  SICP: 1835

Day2(d).

RU Schlumberger WLT. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 6' & 3' perf gun. Perforated D3 sds @ 4649-4655' & 4627-4630' w/ 4" HEGS perf guns, w/ 4 spf for total of 36 shots in 1 run. RU BJ & frac D3 sds w/ 24,818#'s of 20/40 sand in 268 bbls Lightning 17 frac fluid. Open well with 1835 psi on casing. Perfs broke down @ 2190 psi, didn't break back. Treated @ ave pressure of 2542, w/ ave rate of 24.6 bpm, w/ up to 8 ppg of sand. ISIP was 2070. 2073 bbls EWTR. Leave pressure on well.

Starting fluid load to be recovered: 1805 Starting oil rec to date: 0  
Fluid lost/recovered today: 268 Oil lost/recovered today:   
Ending fluid to be recovered: 2073 Cum oil recovered: 0  
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand Frac

Company: BJ Services

Procedure or Equipment detail: D3 sands down casing

2016 gals of pad

1569 gals w/ 1-5 ppg of 20/40 sand

3051 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4620 gals slick water

**\*\*Flush called @ blender--includes 2 bbls for pump/line volume\*\***

Max TP: 2980 Max Rate: 24.9 Total fluid pmpd: 268 bbls

Avg TP: 2542 Avg Rate: 24.6 Total Prop pmpd: 24,818#'s

ISIP: 2070 5 min:  10 min:  FG: .88

Completion Supervisor: Ron Shuck

## COSTS

Weatherford BOP	\$30
Weatherford Services	\$2,200
Betts frac wtr	\$330
Zubiate Hot Oil	\$70
R&R propane	\$140
IPC fuel gas	\$70
BJ Services D3 sds	\$5,160
Schlumberger D3 sds	\$2,200
IPC Supervisor	\$60

DAILY COST: \$10,260

TOTAL WELL COST: \$296,032



## DAILY COMPLETION REPORT

WELL NAME: Jonah 7-14-9-16 Report Date: March 20, 2004 Completion Day: 02e  
Present Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 300' Prod Csg: 5 1/2 Wt: 15.5# @ 5875' Csg PBTD: 5834'WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4135'  
KB @ 12.5' Plugs 4880' 4750' 4670'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4036-4040'	4/16	B2 sds	4828-4844'	4/64
GB6 sds	4083-4092'	4/36	A3 sds	4996-5024'	4/112
D3 sds	4627-4630'	4/12			
D3 sds	4649-4655'	4/24			
C sds	4692-4711'	4/76			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: March 19, 2004 SITP:  SICP: 1745

Day2(e).

RU Schlumberger WLT. RIH w/ Weatherford 5-1/2" composite flow-through frac plug & 9' & 4' perf gun. Perforated GB6 sds @ 4083-4092' & GB4 sds @ 4036-4040' w/ 4" HEGS perf guns, w/ 4 spf for total of 52 shots in 1 run. RU BJ & frac GB sds w/ 39,524#'s of 20/40 sand in 346 bbls Lightning 17 frac fluid. Open well with 1745 psi on casing. Perfs broke down @ 3917 psi, back to 1650 psi. Treated @ ave pressure of 2210, w/ ave rate of 24.6 bpm, w/ up to 8 ppg of sand. ISIP was 1750. 2419 bbls EWTR. RD BJ & WLT. Begin immediate flow back on 12/64 choke @ 1500 psi. Left to flow back hand.

Starting fluid load to be recovered: 2073 Starting oil rec to date: 0  
Fluid lost/recovered today: 346 Oil lost/recovered today:   
Ending fluid to be recovered: 2419 Cum oil recovered: 0  
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand Frac  
Company: BJ Services  
Procedure or Equipment detail: GB 4 & 6 sands down casing

3192 gals of pad

2500 gals w/ 1-5 ppg of 20/40 sand

4892 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 3948 gals slick water

## COSTS

Weatherford BOP	\$30
Weatherford Services	\$2,200
Betts frac wtr	\$460
Zubiate Hot Oil	\$100
R&R propane	\$100
IPC fuel gas	\$190
BJ Services GB sds	\$9,380
Schlumberger GB sds	\$2,200
IPC Supervisor	\$60
Flow back hand	\$300

Max TP: 2725 Max Rate: 24.9 Total fluid pmpd: 346 bbls  
Avg TP: 2210 Avg Rate: 24.6 Total Prop pmpd: 39,524#'s  
ISIP: 1750 5 min:  10 min:  FG: .86  
Completion Supervisor: Ron Shuck

DAILY COST: \$15,020  
TOTAL WELL COST: \$311,052

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 3941’.
2. Plug #1 Set 100’ plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200’ plug from 2000’-2200’ with 25 sx Class “G” cement.
4. Plug #3 Pump 42 sx Class G cement down 5-1/2” casing to 362’.

The approximate cost to plug and abandon this well is \$33,025.

## Jonah #7-14-9-16

Spud Date: 5/11/03  
 Put on Production: 3/25/04  
 GL: 5570' KB: 5582'

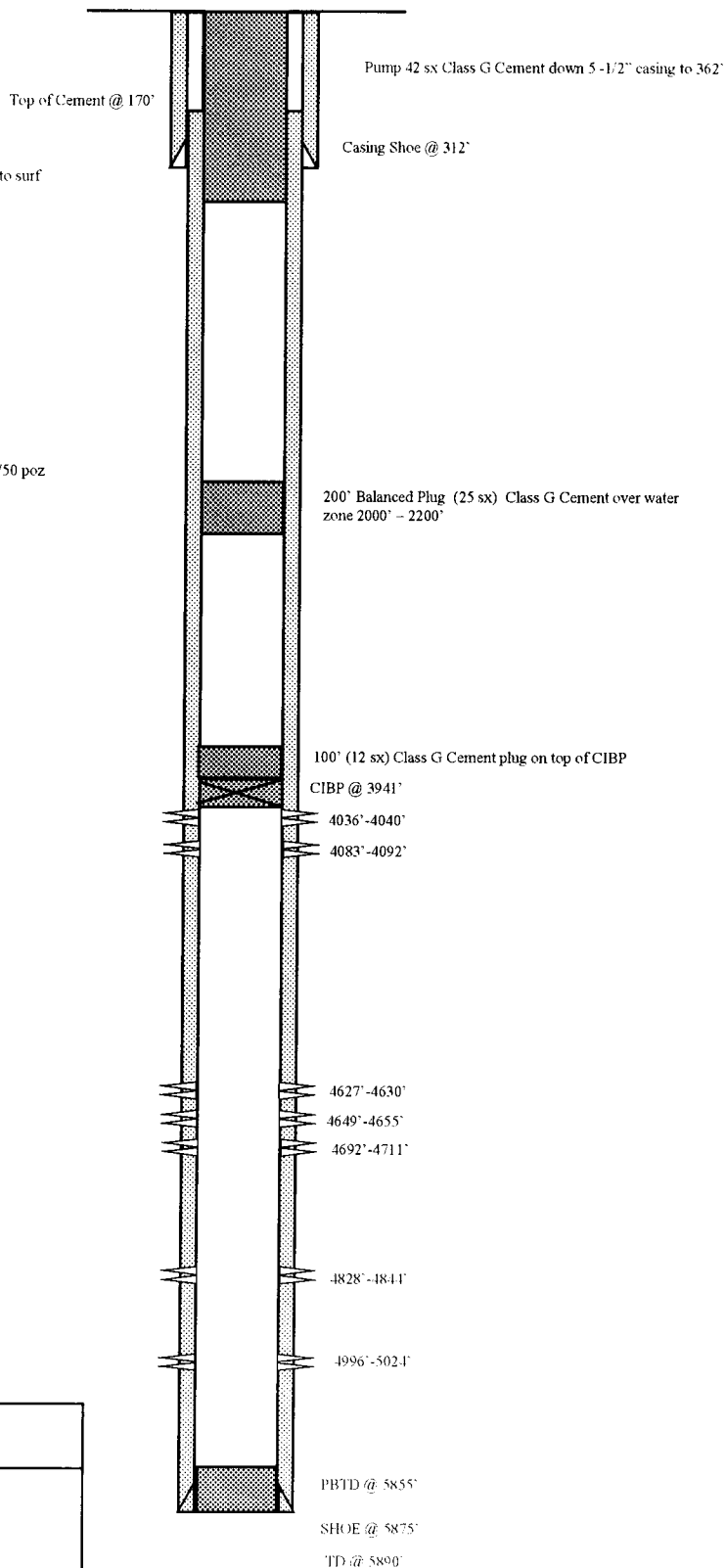
Initial Production: 160 BOPD,  
 160 MCFPD, 51 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 311.89'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts, 5876.88'  
 DEPTH LANDED: 5875.38'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 376 sxs Premilite II mixed & 400 sxs 50/50 poz  
 CEMENT TOP AT: 170'

Proposed P & A  
Wellbore Diagram

NEWFIELD

JONAH 7-14-9-16

1944' FNL &amp; 1892' FEL

SW NE Section 14, T9S R16E

DUCHESE CO, UTAH

API #43-013-32338; LEASE #UTU-096547

**NOTICE OF AGENCY  
ACTION  
CAUSE NO. UIC 331**

BEFORE THE DIVISION OF OIL,  
GAS AND MINING, DEPARTMENT  
OF NATURAL RESOURCES, STATE  
OF UTAH

IN THE MATTER OF THE APPLI-  
CATION OF Newfield Production Com-  
pany FOR ADMINISTRATIVE AP-  
PROVAL OF THE South Wells Draw 13-  
3-9-16, South Wells Draw 11-3-9-16, Jonah  
Federal 15-12-9-16, Jonah Federal 9-14-  
9-16, Jonah Federal 11-14-9-16, Jonah  
Federal 13-14-9-16, Jonah Federal 15-14-  
9-16, Jonah Federal 9-15-9-16, Jonah 5-  
14-9-16, Jonah 7-14-9-16 WELLS LO-  
CATED IN SECTIONS 3, 12, 14, & 15,  
TOWNSHIP 9 South, RANGE 16 East,  
Duchesne COUNTY, UTAH, AS A  
CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL  
PERSONS INTERESTED IN THE  
ABOVE ENTITLED MATTER.

Notice is hereby given that the Division  
of Oil, Gas and Mining (the "Division") is  
commencing an informal adjudicative pro-  
ceeding to consider the application of  
Newfield Production Company for ad-  
ministrative approval of the South Wells  
Draw 13-3-9-16, South Wells Draw 11-3-  
9-16, Jonah Federal 15-12-9-16, Jonah  
Federal 9-14-9-16, Jonah Federal 11-14-  
9-16, Jonah Federal 13-14-9-16, Jonah  
Federal 15-14-9-16, Jonah Federal 9-15-  
9-16, Jonah 5-14-9-16, Jonah 7-14-9-16  
wells, located in Sections 3, 12, 14, 15,  
Township 9 South, Range 16 East,  
Duchesne County, Utah, for conversion  
to a Class II injection well. The adjudica-  
tive proceeding will be conducted infor-  
mally according to Utah Admin. Rule R649-  
10, Administrative Procedures.

Selective zones in the Green River For-  
mation will be used for water injection.  
The maximum requested injection pres-  
sure and rate will be determined based on  
fracture gradient information submitted  
by Newfield Production Company.

Any person desiring to object to the  
proposed application or otherwise inter-  
vene in the proceeding, must file a written  
protest or notice of intervention with the  
Division within fifteen days following  
publication of this notice. The Division's  
Presiding Officer for this proceeding is Gil  
Hunt, Associate Director at PO Box  
145801, Salt Lake City, Utah 84114-5801,  
phone number (801) 538-5340. If such a  
protest or notice of intervention is re-  
ceived, a hearing will be scheduled in accor-  
dance with the aforementioned adminis-  
trative procedure rule. Protestants and/or  
interveners should be prepared to demon-  
strate at the hearing how this matter affects  
their interests.

Dated this 11th day of May, 2006.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah Basin Standard  
May 16, 2006.





## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 21, 2006

Newfield Production Company  
410 Seventeenth Street, Suite 700  
Denver, Colorado 80202

Re: Jonah Unit Well: Jonah Federal 7-14-9-16, Section 14, Township 9 South,  
Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-096547
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1944 FNL, 1892 FEL		8. WELL NAME and NUMBER: JONAH 7-14-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 14, T9S, R16E		9. API NUMBER: 4301332338
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/10/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was converted from a producing oil well to an injection well on 11/10/06. On 10/31/06 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 11/10/06. On 11/10/06 the casing was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 430 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32338

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Callie Ross</i></u>	DATE <u>11/13/2006</u>

(This space for State use only)

**RECEIVED**  
**NOV 16 2006**  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 11/10/06 Time 3:30 am ☒ pm

Test Conducted by: Chris Wilkerson

Others Present: \_\_\_\_\_

Well: Jonah 7-14-9-16

Field: Mon Butte / Jonah Unit

Well Location: SW/NE Sec. 14, T9S, R16E  
Duchesne County Utah

API No: 43-013-32338

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1220</u>	psig
5	<u>1220</u>	psig
10	<u>1220</u>	psig
15	<u>1220</u>	psig
20	<u>1220</u>	psig
25	<u>1220</u>	psig
30 min	<u>1220</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

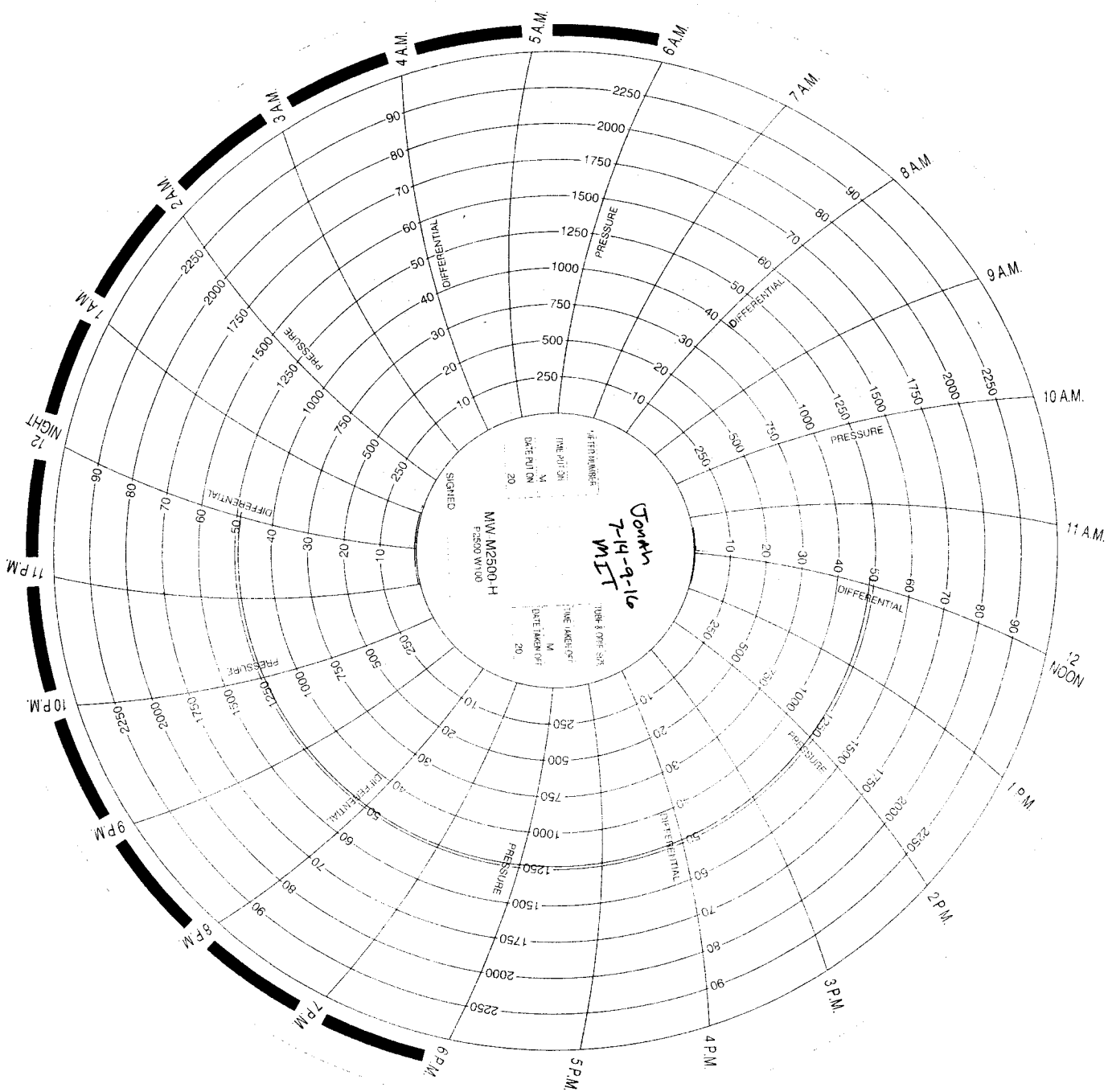
Tubing pressure: 430 psig

Result: ☒ Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Chris Wilkerson





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

**UNDERGROUND INJECTION CONTROL PERMIT**

**Cause No. UIC-331**

**Operator:** Newfield Production Company  
**Well:** Jonah 7-14-9-16  
**Location:** Section 14, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32338  
**Well Type:** Enhanced Recovery (waterflood)

**Stipulations of Permit Approval**

1. Approval for conversion to Injection Well issued on September 21, 2006.
2. Maximum Allowable Injection Pressure: 1,741 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation  
(3,834' - 5,802')

Approved by:

Gil Hunt  
Associate Director

11-20-06  
Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1944 FNL, 1892 FEL

SWNE Section 14 T9S R16E

5. Lease Serial No.

USA UTU-096547

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH 7-14-9-16

9. API Well No.

4301332338

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status, Put Well
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on Injection

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above referenced well was put on injection at 4:00 p.m. on 12/30/06.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

01/02/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

JAN 08 2007

U.S. DEPT. OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OFFICE OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> JONAH 7-14-9-16
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1944 FNL 1892 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013323380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">5 YR MIT</span>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/10/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

On 10/05/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 10/10/2011 the casing was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1422 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** 11/07/2011

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/14/2011	

# Mechanical Integrity Test

## Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 10/10/11 Time 12:35 AM ~~PM~~ pmTest Conducted by: Bobby Logan

Others Present: \_\_\_\_\_

Well: 7-14-9-16 ~~Jonah~~ Jonah

Field: Newfield Monument

Well Location: SW/NE Sec. 14, T9S, R16E

API No: 43-013-32338

Duchesne County, Utah

TimeCasing Pressure

0 min	<u>1050</u>	psig
5	<u>1050</u>	psig
10	<u>1050</u>	psig
15	<u>1050</u>	psig
20	<u>1050</u>	psig
25	<u>1050</u>	psig
30 min	<u>1050</u>	psig
35	<u>1050</u>	psig
40	<u>1050</u>	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1422 psig

Result:

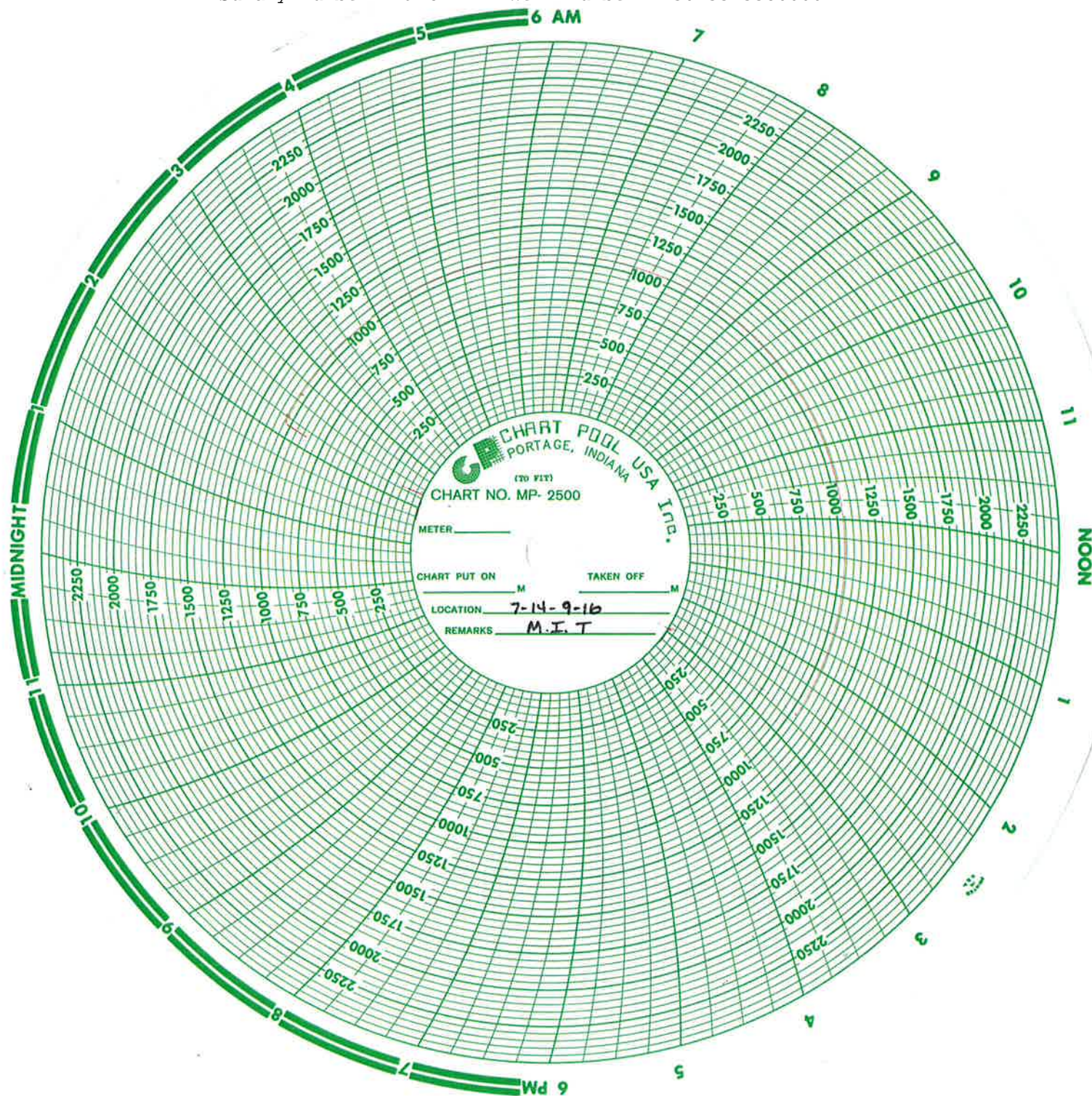
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Bobby Logan







# Jonah 7-14-9-16

Spud Date: 5/11/03  
Put on Production: 3/25/04  
GL: 5570' KB: 5582'

Initial Production: 160 BOPD,  
160 MCFPD, 51 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 311.89'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

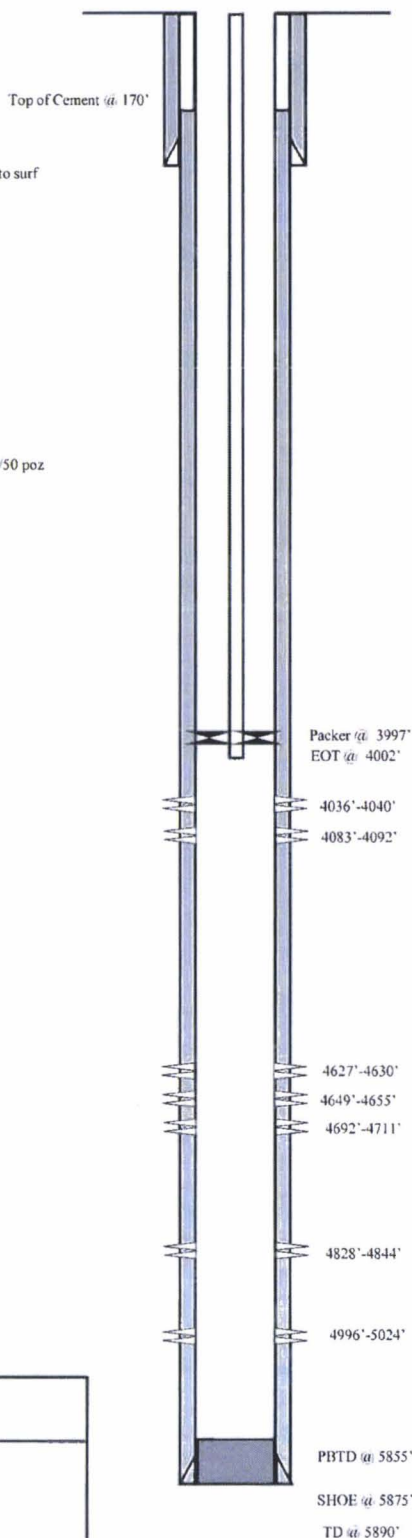
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. 5876.83'  
DEPTH LANDED: 5875.38'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 376 sxs Premlite II mixed & 400 sxs 50/50 poz  
CEMENT TOP AT: 170'

## TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 127 jts. (3980.83')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 3993.33'  
CE @ 3997.53'  
TOTAL STRING LENGTH: EOT @ 4001.63'

## Injection Wellbore Diagram



## FRAC JOB

3/19/04 4996'-5024' **Frac A3 sands as follows:**  
100,024# 20-40 sand in 713 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2152  
psi w/avg rate of 24.6 BPM. ISIP 2520 psi.  
Calc flush: 4994 gal. Actual flush: 4998 gal.

3/19/04 4828'-4844' **Frac B2 sands as follows:**  
69,957# 20-40 sand in 536 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1857 psi  
w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc  
flush: 4826 gal. Actual flush: 4830 gal.

3/19/04 4692'-4711' **Frac C sands as follows:**  
50,348# 20-40 sand in 417 bbls lightning  
Frac 17 fluid. Treated @ avg press of 1987 psi  
w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc  
flush: 4690 gal. Actual flush: 4704 gal.

3/19/04 4627'-4655' **Frac D3 sands as follows:**  
24,818# 20-40 sand in 268 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2542 psi  
w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc  
flush: 4625 gal. Actual flush: 4620 gal.

3/19/04 4036'-4092' **Frac GB6 & GB4 sands as follows:**  
39,524# 20-40 sand in 346 bbls lightning  
Frac 17 fluid. Treated @ avg press of 2210 psi  
w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc  
flush: 4034 gal. Actual flush: 3948 gal.

11/10/06 **Converted to Injection Well**  
11/10/06 **MIT Completed - tbg detail updated**

## PERFORATION RECORD


Date	Depth Range	Tool Joint	Holes
3/17/04	4996'-5024'	4 JSPF	112 holes
3/19/04	4828'-4844'	4 JSPF	64 holes
3/19/04	4692'-4711'	4 JSPF	76 holes
3/19/04	4649'-4655'	4 JSPF	24 holes
3/19/04	4627'-4630'	4 JSPF	12 holes
3/19/04	4083'-4092'	4 JSPF	36 holes
3/19/04	4036'-4040'	4 JSPF	16 holes

**NEWFIELD**

**JONAH 7-14-9-16**

1944' FNL & 1892' FEL  
SW/NE Section 14, T9S R16E  
DUCESNE CO, UTAH

API #43-013-32338; LEASE #UTU-096547

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> JONAH 7-14-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1944 FNL 1892 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 14 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013323380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/1/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 08/29/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/01/2016 the casing was pressured up to 1280 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1472 psig during the test. There was not a State representative available to witness the test.</p> </div> <div style="width: 25%; text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> <del>September 13, 2016</del></p> <p><b>By:</b> </p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/8/2016

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 7/11/16 Time 9:54 am pm

Test Conducted by: JOHNNY SLIM

Others Present: \_\_\_\_\_

Well: JONAH 7-14-9-16

Field: GREATER MONUMENT BUT UNIT

Well Location: SW/4E SEC. 14 T9S R16E API No: 43 013 32338

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1280</u>	psig
5	<u>1280</u>	psig
10	<u>1280</u>	psig
15	<u>1280</u>	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1472 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_

